



*ThermoPlast*

*Engineering Solutions*

Thermo MID<sup>®</sup>

PA 66 GF %25





EDİRNE ORGANİZE SANAYİ BÖLGESİ THERMOPLAST PLASTİK ÜRETİM TESİSİ

#### HAKKIMIZDA

Thermoplast Plastik 2006 yılında Hadımköy işletmesinde PVC ısı yalıtım bariyeri üretimi ile sektöre adımını atmıştır.

Yenilikçi ve dinamik yapısı ile çok kısa surede üretim kapasitesini büyütürken ürün gruplarına yeni ürünler eklemiştir, özellikle ülkemizdeki alüminyum profil üretimi yapan firmaların yurtdışı ithalatına bağımlı olarak temin etmekte oldukları ürün gruplarının yerli üretimini sağlayarak ülke ekonomisine katkıda bulunma mücadelesi içine girmiştir.

Üretimde yüksek kalite ve müşteri memnuniyetini birincil sıraya yerleştiren firmamız 2015 yılında üretim tesisini Edirne'deki 6000 m<sup>2</sup> kapalı alana sahip fabrikasına taşımıştır.

Thermoplast Plastik teknolojiyi yakından takip ederek, sürekli yenilerek ve kapsamlı AR-GE çalışmaları ile hem PVC hem de PA 66 GF %25 cam elyaf katkılı POLYAMIDE ısı bariyerleri üretimi alanında uzmanlaşmıştır.

En kaliteli ürünleri en iyi hizmetle sunmakta olan Thermoplast Plastik, ülkemizin önde gelen firmalarından biri olmuştur.

#### ABOUT US

Thermoplast Plastic involved in sector with producing PVC insulating strips in 2006.

Thermoplast has raised its production capacity and expanded product range in a short time with its innovative and dynamic structure.

Our primary goal is continual improvement in quality, cost, delivery and customer satisfaction.

Thermoplast moved its factory to Edirne, on 6000 m<sup>2</sup> covered area in 2015 in order to cover increasing demands.

Thermoplast Plastic is specialized in producing high quality PVC and PA 66 GF %25 POLYAMIDE insulating strips with improving its production technology and carrying extensive research and development activities.

Thermoplast Plastics, which offers the best quality products with the best service, has become one of the leading companies of our country.

Thermoplast Plastik müşterilerine altı marka altında hizmet sunmaktadır;

- Thermo UPVC bariyerler
- Thermomid PA 66 GF %25 cam elyaf katkılı polyamide bariyerler
- Thermo Core
- Thermo NUL
- Thermo EDGE
- Thermo MAK

#### THERMOPLAST

Thermoplast Plastik dar toleranslar ile en iyi kalitede PVC ısı bariyeri üretimi yapmaktadır.

#### ALÜMİNYUM DOĞRAMA SİSTEMLERİNDE ISI YALITIMI NEDEN GEREKLİDİR ?

Alüminyum, pencere sistemlerinde en yaygın kullanılan malzemelerden bir tanesidir. Fakat bilindiği üzere alüminyum çok yüksek derecede termal iletkenliğe sahiptir.

Alüminyum doğrama sistemlerinde ısı yalıtımı, alüminyum malzemesinin sahip olduğu yüksek iletkenliğin olumsuz etkilerini ortadan kaldırmak için iletken olmayan bir termal bariyer ile iç ve dış alüminyum profillerin birbirlerine bağlanması işlemi vasıtasıyla sağlanmaktadır.

#### TERMAL YALITIMIN AVANTAJLARI

Termal yalıtım şu sebeplerden dolayı tavsiye edilmektedir;

- İkametgâhlar içerisinde kış soğuğunun ve yaz sıcaklığının olumsuz etkilerini önleyebilmek
- Binalarda homojen bir ısı sağlayarak konfor elde etmek
- Binaların yapı elemanlarının ve dış cephesinin termal stres ve nemden dolayı aşınmasını engelleyebilmek
- Enerji ve yakıt masraflarını düşürerek işletme gider maliyetlerinden tasarruf etmek
- İlk yatırım maliyetini azaltmak
- Doğal kaynak tüketimini azaltmak
- Camlarda oluşan buzlanmayı azaltmak
- Pencerelerden ışığın engelsiz girişini sağlamak
- Çerçevelerin ıslanmasını önlemek
- Camların yüzeyel ısını koruyabilmek
- Ses yalıtımını sağlayabilmek

Thermoplast Plastik offers services to its customers under six brands;

- Thermo UPVC barriers
- Thermomid PA 66 GF 25% glass fiber reinforced polyamide barriers
- Thermo Core
- Thermo NUL
- Thermo EDGE
- Thermo MAK

#### THERMOPLAST

Thermoplast Plastic is specialized in producing most qualified PVC insulating strips with low tolerances.

#### THE REASON FOR USING THERMAL INSULATION IN ALUMINIUM CUTTING SYSTEMS

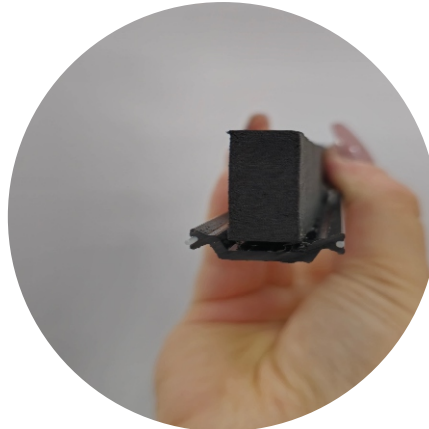
Aluminum is one of the most commonly used materials in frame windows. But as it is known that aluminum is a material which has a very high thermal conductivity.

Thermal insulation in aluminum cutting systems is provided by binding an internal and an external aluminum profiles with a non-conductive thermal barrier to suppress the negative effects of the high thermal conductivity of aluminum material. This non-conductive thermal barrier can be used as PVC or Polyamide.

#### ADVANTAGES OF THERMAL INSULATION

Thermal insulation should be used for:

- To avoid the summer heat and winter cold in habitats
- To obtain a homogeneous temperature and comfort in the building
- To protect the structural elements of buildings and the destruction of the outer shell from thermal stresses and moisture.
- To save from fuel and energy expenses hence to provide saving from operating costs.
- In order to decrease the cost of initial investment
- To reduce consumption of natural resources
- To reduce rime and frost on glasses.
- To provide unobstructed entrance of light from windows.
- To prevent frames from getting wet
- To keep the surface temperatures of glasses
- To provide sound insulation





# **THE POWER OF POLYAMIDE IN YOUR HANDS**

Step into the future of  
thermal insulation  
with TP Thermoplast's  
polyamide thermal



Thermomid markası altında polyamid ısı bariyeri üretimi yapan firmamız yüksek kalitede PA 66 GF %25 takviyeli ısı yalıtım bariyeri üretimi konusunda uzmandır. Thermomid markası ülkemiz kaynakları ile üretilmekte olan yerel Türk markasıdır.

Thermomid markası altında üretilmekte olan polyamid ısı bariyerlerimiz yüksek mukavemet ve sertliğe sahip, katsayısı çok düşük, düşük tolerans aralıkları ile üretilmekte olan, her türlü ihtiyacınızı fazlasıyla karşılayabileceğini garanti ettiğimiz bariyerlerdir.

#### NEDEN ÖZELLİKLE 'THERMOMID' KULLANILMASI TAVSİYE EDİLMEKTEDİR?

EKONOMİK VE VERİMLİDİR - PVC ısı yalıtım bariyerlerine kıyasla Polyamid ısı bariyerleri %50 daha iyi yalıtım sağlamaktadır.

Thermomid'in etkenliğinin temel noktası bileşiminde cam takviyeli naylon 66 GF %25 içeren özel Thermonul 66 GF %25 ham maddesidir.

#### DAHA İYİ YALITIM SAĞLAMAKTADIR

Thermoplast sistemleri yükseltilmiş alüminyum ayırım ve hava boşluğu vasıtasıyla daha üstün yalıtım sağlamaktadır.

Biri iç ve biri dış olmak üzere iki ayrı alüminyum profilin kanallarının arasına yerleştirilen malzeme verimli ve ekonomik yöntemler ile sıkıştırılarak alüminyum parçaları birleştirilmektedir. Thermomid yüksek sıcaklık altında nemi dışarı mühürlenmektedir.

#### MUKAVEMETİ ARTTIRMAKTADIR

Thermomid malzemesinin termal genleşme katsayısı alüminyum malzemesine çok yakın olduğundan dolayı dahili yükler önemli ölçüde azalmaktadır.

Thermomid ve alüminyum profiller arasındaki bağ geniş aralık içerisindeki sıcaklık dalgalanmaları vasıtasıyla mekanik bütünlüğünü korumaktadır.

Thermomid'in sahip olduğu sistem geometrisi ve bileşime bağlı olarak kompozit profillerin mukavemeti artmaktadır.

#### DAHA İNCE ALUMİNYUM DUVARLARINA OLANAK SAĞLAMAKTADIR

Thermomid sahip olduğu yapısal gücünden dolayı, benzer içi boş bölüm inşasından bile daha ince alüminyum duvar kullanımına olanak sağlayabilmektedir. Üreticiler malzeme maliyetlerinde tasarruf sağlamak ve daha hafif montajlar sunabilmektedirler.

Thermomid is specialized in producing most qualified polyamide PA 66 GF %25 reinforced insulating strips.

Our company is producing POLYAMID under the brand name of THERMOMID. THERMOMID is a local production product. THERMOMID is a thermal insulating material which has a very low coefficient and on the other hand has high strength and hardness and can be produced with low tolerances.

#### THE REASON FOR USING THERMOMID

ECONOMIC AND EFFICIENT – based on PVC provides up to 50% good thermal insulation  
Key to the effectiveness of Thermomid is Thermonul 66 GF %25 which is a special composition of glass-reinforced nylon 66 GF %25.

#### BETTER INSULATION

Thermoplast system provides superior insulation through increased aluminum separation and air space. The material is extruded into a shape that effectively and economically joins two separate aluminum extrusions (the inner and outer aluminum profiles of the window, door or curtain wall).  
Thermomid seals out moisture under high temperature.

#### INCREASED STRENGTH

Since Thermomid's coefficient of thermal expansion is very close to that of aluminum, internal stresses are drastically reduced. The bond between Thermomid and the aluminum extrusion retains its mechanical integrity through a wide range of temperature fluctuations.

The strength of the composite profile is increased due to Thermomid's composition and system geometry.

#### ALLOWS THINNER ALUMINUM WALLS

Thermomid is a system with inherent strength, permitting the use of thinner aluminum walls even with similar hollow section construction.  
Manufacturers save on material costs and can offer reduced weight in finished assemblies.



## THERMOMİD PA 66 GF %25 & THERMOPLAST PROFİL SİSTEMLERİ ÜRÜNLER

- C-Şekilli Yatırım Bariyerleri
- Conta Tutumlu Yalıtım Bariyerleri
- Conta Kanallı Yalıtım Bariyerleri
- Vida Kanallı Yalıtım Bariyerleri
- Konveksiyon ve Işın Kırılmalı Yalıtım Bariyerleri
- Chicane
- Ray
- Giydirme Cephe Profilleri
- Özel Profiller

## SÜREÇLER SERİ ÜRETİM SÜREÇLERİ

Standart profiller ve stoklarda mevcut özel profillerin üretim sürecidir.

- Müşteri talebi
- Müşteri siparişi
- Siparişin üretim planına alınması
- Siparişin üretilmesi
- Kalite Kontrol
- Paketleme ve Depolama
- Sipariş Teslimi

## ÖZEL TASARIM PROFİLLER İÇİN ÜRETİM SÜRECİ

Kalıp tasarımı ve müşterilerin standart olmayan bariyer ihtiyaçlarını karşılamak amacı ile yürütülen özel-tasarım profil üretim sürecidir.

- Müşteri talebi
- Müşterimizin ihtiyacını karşılayabilecek en uygun çözümün tasarlanabilmesi için teknik destek sunulması
- Birlikte tasarlanmış teknik çizimin müşterinin onayına sunulması
- Müşteriden teknik çizim onayının alınması
- Kalıp üretimi
- Yeni tasarlanmış kalıptan numune üretimi
- Onaylanması için numunelerin müşteriye sunulması
- Müşteriden alınan numune onayı
- Müşteri siparişi
- Siparişin üretim planına alınması
- Siparişin üretilmesi
- Kalite Kontrol
- Paketleme ve Depolama
- Sipariş Teslimi

## TERMİN

Siparişin üretim planına alınmasına istinaden en fazla 1 ila 2 hafta içerisinde malzeme teslimine başlanmaktadır.

## SİZE ÖZEL!

Sürekli müşterilerimiz için stok sistemi ile çalışılmakta ve müşteri için ayrılmış olan makineler müşteri talebi doğrultusunda üretime ara vermeden çalışmaktadır.

## YÜKSEK KALİTE GÜVENCESİ

ISO 9001 Sertifikası geniş bir yelpazede yüksek hassasiyet ile üretilmekte olan yapı profillerinin üretiminde kaliteyi garanti etmektedir.

PA 66 GF %25 Thermomid bariyerlerimiz her sevkiyata ilişkin analiz sertifikaları ile sevk edilmektedir.

Ürünlerimiz Edirne üretim tesisimizde kendi bünyemizde bulunan tam teçhizatlı laboratuvarımızda gerçekleştirilen testler ile kalite kontrolden geçmekte ve sonuçlara ilişkin raporlar müşterilerimiz ile paylaşılmaktadır..

## REFERANSLAR

Ürünlerimiz hem Türkiye hem de dünyadaki birçok lider üretici tarafından kullanılmaktadır.

## THERMO MID PA 66 GF %25 & THERMOPLAST PROFILE SYSTEMS PRODUCTS

- C-Shaped Insulating Strip
- Insulating Strip With Gasket Stop
- Insulating Strip With Gasket Groove
- Insulating Strip With Screw Channel
- Insulating Strip With Convection and Irradiation Break
- Chicane
- Guide Rail
- Curtain Wall Profile
- Special Profile

## PROCESS PROCESSES OF MASS PRODUCTION

Standard Profiles and Existing Custom Profiles

- Consumer Demand
- Customer Order
- Placing the Order in Production Plan
- Production of Order
- Quality Control
- Packaging and Storage Area Placement
- Delivery of the Order

## COSTOM PROFILE PRODUCTION PROCESS

Mold design and production for customer's nonstandard requirements and manufacture of these custom-design profiles

- Consumer Demand
- Providing technical support to design the most appropriate solution for our customer's requirements
- Presenting the technical drawing to customer which was designed mutually
- Approval of the technical drawing by the customer
- Mold Production
- Manufacturing the samples from new designed mold
- Delivering the product samples to the customer to obtain approval
- Customer Approval
- Customer Order
- Placing the Order in Production Plan
- Production of Order
- Quality Control
- Packaging and Storage Area Placement
- Delivery of the Order

## DELIVERY TIME

Following the reception of the order in production plan, delivery is made within 1 to 2 weeks

## SPECIAL FOR YOU

For our loyal customers we are working in stocks

## HIGH QUALITY ASSURANCE

ISO 9001 Certification ensures complete process quality in a wide range of building profile manufactured with high sensibility and to very tight tolerances

Polyamide insulating strips are delivered with related inspection certificates for every lot.

Our polyamide insulating strips are tested in our fully equipped laboratory. Test results can be shared with our precious customers.

## REFERENCES

Our products are used in many buildings, both in Turkey and abroad, by many leading construction company..

## THERMOCORE



A2 iki yüzü alüminyum levha ile kaplı plastik ve mineral dolgulu çekirdekten oluşan bir yüzü renkli alüminyum kompoze levhadır.

A2'nin özellikleri şu şekildedir;

- Alman DIN4102 normuna göre özel mineral dolgulu çekirdek malzemesi ile oluşan alev almayan A2 sınıfı yangın dayanımı sertifikasına sahiptir.
- Hafif, esnek, rijit ve son derece mükemmel bir yüzeye sahiptir.
- Alt yapı çalışmalarında düşük maliyet avantajı sağlamaktadır.
- İç ve dış uygulamalarda, yapı elemanı olarak, mimarlara ve uygulamacılara sınırsız özgürlük sağlamaktadır.
- Hafiftir
- Yüksek ölçüde sağlamdır.
- Esnektir.
- Düz yüzeyler sağlamaktadır.
- Diğer yapı elemanlarını destekleyici özelliği vardır.
- Kolay işlenebilir, kesilip bükülebilir.
- Soğuk olarak el aletleri ile şekillendirilebilir. El makineleri, panel testereleri, kompozit panel kesim makineleri ile her türlü kesme, biçme, delik açma, bükme işlemleri uygulanabilir.
- Geniş renk yelpazesine sahiptir.
- A2'nin boyalı yüzü, UV ışınlarına dayanıklı floropolimer fırın vernikli (PVDF) üst kaplama sistemi ile dış cephe uygulamalarında kullanılabilir.
- Geri dönüşümlüdür.
- Kullanım yeri, rüzgâr yükü ve uygulama biçimine bağlı olarak farklı çekirdek kalınlıklarında üretilebilmektedir.

Uygulama alanları; çok katlı binalar, gökdelenler, endüstriyel binalar, kamu binaları, tüneller, havaalanları, hastaneler, alışveriş merkezleri, stadyumlar, tren ve metro istasyonları, oteller ve yangın yalıtımının önemli olduğu tüm yapılar.

## THERMONUL



Thermoplast Plastik Thermonul markası adı altında yüksek kalitede TPE, PE, ekstrüzyonlar için sert PVC ve polyamide bileşenleri üretimi yapmaktadır.

## THERMOFOAM



ThermoEdge markası altında yüksek kalitede Polipropilen heterofazik kopolimer cam kenar çitası üretimi yapılmaktadır.

## THERMOMAK



Thermomak markası altında alüminyum pres, kompozit panel makinesi, polisaj makinesi ve konveyör hattı distribütörlüklerimiz mevcuttur.

## THERMOCORE



A2 is consist of, two sided, plastic and mineral-filled core aluminum plate. One side of this aluminum composite plate is colored.

Characteristics of A2 are as follows;

- According to the German norm DIN4102, flame retardant A2 class which is formed by special mineral-filled core material, has fire resistance certificate.
- It has an extremely excellent surface which is lightweight, flexible and rigid.
- Provide low-cost advantage in infrastructure work.
- As a structural element, it provides unlimited freedom to architects and practitioners in interior and exterior applications.
- Lightweight.
- Highly tough.
- Flexible.
- Provides flat surfaces.
- It is supportive to other structural elements.
- Can easily processed, cut and bent.
- Can be shaped when it is cold with hand tools. All kinds of cutting, sawing, drilling, bending processes can be applied with used machines, panel saws and composite panel cutting machines.
- Has a wide range of colors.
- A2's painted face can be used for exterior applications with UV resistant fluoropolymer (PVDF) varnished oven coating system.
- Recyclable.
- Can be produced in different core thickness depending on the place of use, wind load and application forms.

Application areas; multi-storey buildings, skyscrapers, industrial buildings, public buildings, tunnels, airports, hospitals, shopping malls, stadiums, railway and metro stations, hotels and in all the structures in which fire insulation is important.

## THERMONUL



Thermonul is specialized in producing high quality TPE, PE, rigid pvc and polyamide compound for extrusions.

## THERMOFOAM



Under the ThermoEdge brand, high quality Polypropylene heterophasic copolymer space bar is produced.

## THERMOMAK



Under Thermomak our company has aluminum press, composite panel machine, polishing machine and conveyor line distributorships.



## SIKÇA SORULAN SORULAR

1- Farklı bir ısı yalıtım bariyeri kullanmak istediğimde her seferinde farklı bir alüminyum ekstrüzyonuna mı ihtiyaç duyacağım?

*HAYIR... THERMOMID kullanmanın avantajlarından bir tanesi alüminyum ekstrüzyonunda değişiklik yapmadan birçok farklı profil kullanarak pencere sisteminin performansında değişiklik yapılabilmesine olanak sağlayabilmesidir.*

*Thermomid ısı bariyerlerinin ayak kısım ölçüsü tüm standart profiller için tamamen aynıdır.*

*,Bu doğrultuda standart profillerden her biri aynı alüminyum ekstrüzyonunda kullanılabilir.*

2- Sıkma işlemi tamamlandıktan sonra malzemeyi kullanmak için ne kadar beklemeliyim?

*- Sıkma işlemi tamamlandıktan sonra malzeme kullanıma hazır olduğundan dolayı herhangi bir bekleme süresi yoktur.*

3- Standart Profil listenizdeki profiller içerisinde birden fazlasını kullanmak istersem kalıp bedeli ne kadar olacaktır?

*- Herhangi bir kalıp bedeli ödemediğiniz standart profil listesindeki ister bir ürünü ister hepsini aynı anda kullanabilirsiniz. Standart profil listenizdeki profilleri herhangi bir kalıp bedeli ödemediğiniz satın alabilirsiniz. Tüm standart profillerimizi müşterilerimizin daha esnek olarak Thermomid kullanabilmesine olanak sağlayabilecek şekilde sunmaktayız.*

4- Sizin standart profil listenizdeki profillerden hiçbirinin ihtiyacımı karşılayamadığı özel tasarım profiline ihtiyaç duyduğunda nasıl bir süreç işleyecektir ?

*- Thermoplast özel tasarım profil ihtiyaçlarınızı en iyi şekilde karşılayabilmek amacı ile sizinle birlikte çalışacaktır. İhtiyaç duyulan özel tasarım profilin tasarlanması aşamasında her türlü teknik destek tarafınıza sunulacak, tasarlanan yeni kalıptan yapılacak numune üretimi tarafınıza sunulacak ve onaylanan kalıptan özel tasarım profilinizin üretimi yapılacaktır.*

5- Thermomid bariyer takıldıktan sonra alüminyum ekstrüzyonlarımı anotlayıp boyayabilir miyim?

*- Thermomid %25 cam-takviyeli naylondur. Thermomid kısa-sürelili maksimum 240°C kadar bozulmadan işlem görebilir ve bu ısı birçok işlemin tamamlanması için gerekli olandan çok daha fazladır. 10 ila 15 dakika arasında fırınlanma süreci gerektiren boyama işlemi sıcaklığın ortalama olarak 200°C'yi geçmemesi koşulu ile Thermomid ısı bariyeri monte edildikten sonra gerçekleştirilebilir. Ayrıca alüminyum ekstrüzyonunuzu Thermomid bariyer monte edildikten sonra anotlayabilirsiniz.*

## FREQUENTLY ASKED QUESTIONS

1- If I want to use a different THERMOMID insulating strip do I need a different aluminum extrusion every time?

*- No, one of the advantages of using Thermomid is the ability to use several profiles and change the performance of your window system without having to change aluminum extrusions.*

*The foot section of the Thermomid profile is exactly the same for all the standard profiles. Therefore, any one of the standard profiles can be used in the same aluminum extrusion.*

2- How long do I have to wait for using the material after the Insertion Process is complete?

*- There is no waiting time because the material is ready to use as soon as the Insertion process is complete.*

3. If I want to use more than one of the profiles from your Standard profiles list what are the tooling costs?

*- You can use one or all of the standard profiles without incurring any tooling charges. Any profile listed as a standard profile can be purchased without a tooling charge. We offer all of the standard profiles to give our customers more flexibility in using Thermomid.*

4- What if I have a specially designed profile and none of your standard profiles can meet my requirements?

*- Thermoplast will work with you to custom design a profile that will meet your specific requirements. We have been making custom Thermomid profiles for over 5 years and will use that experience to aid in the design of your new profile. Thermoplast will help in the design, provide you with samples for your approval, and then go into full production on your custom design profile. You then will have a custom profile that will meet your specific requirements.*

5- Can I anodize or powder coats my aluminum extrusions after the Thermomid has been inserted?

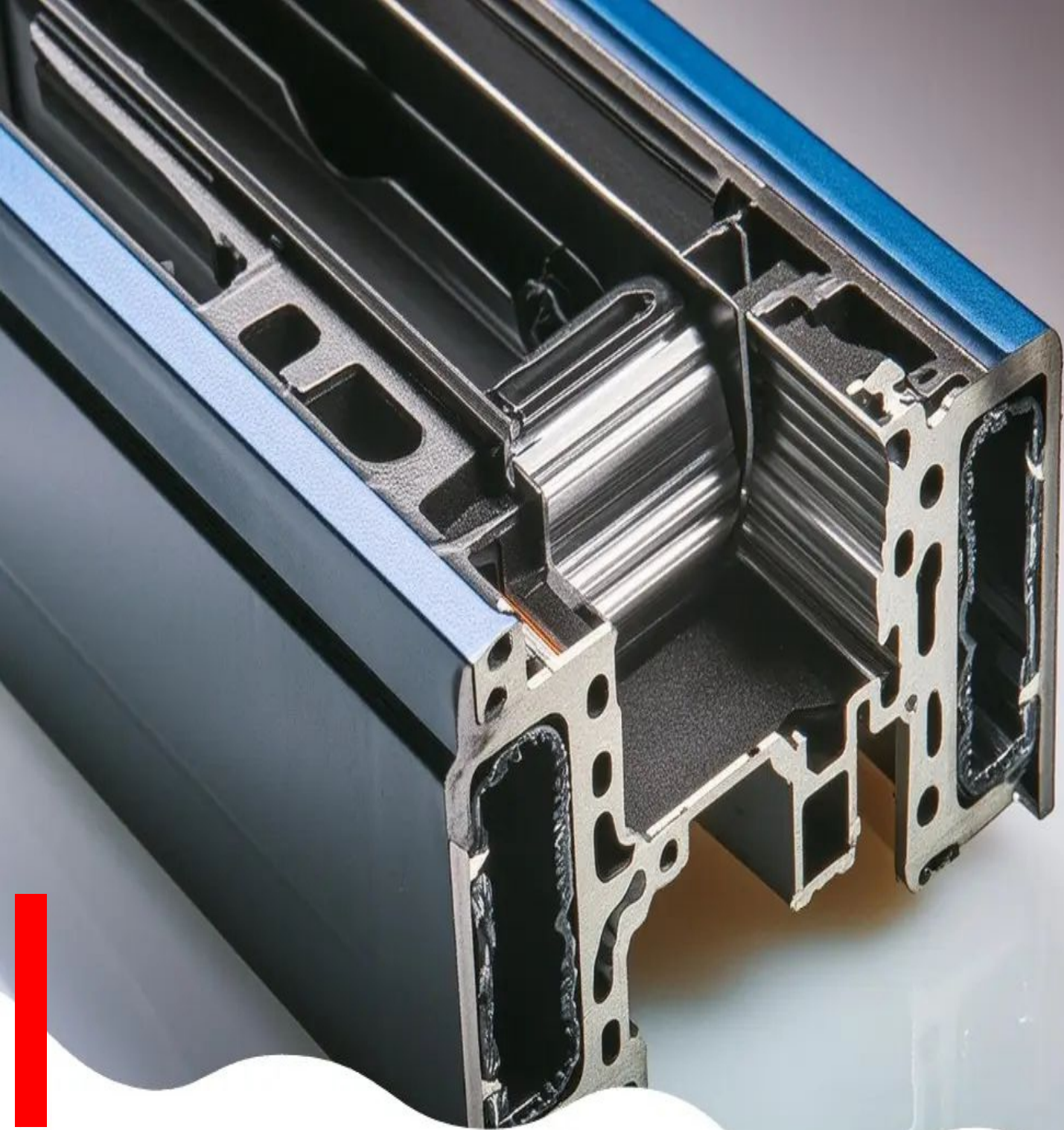
*- Thermomid is a 25 percent glass-reinforced nylon. The maximum short-term temperature that Thermomid can handle without deteriorating is 240°C and this is higher than what is required for some finishing processes. Any coating that needs to be baked for only 10-15 minutes and does not exceed a baking temperature around 200°C can be done after the Thermomid has been inserted, provided that the finish is compatible with both the Thermomid and the aluminum. Also, you can anodize your aluminum extrusions after the Thermomid has been inserted.*



**P** *ThermoPlast*

# **INNOVATING TOGETHER**

Embraces  
TP Thermoplast's  
Polyamid Thermal  
Brake Technology



# **FUTURE INSULATION TECHNOLOGY WITH THERMOMID**

**P** *ThermoPlast*



*ThermoPlast*



intertek



**REVOLUTIONIZING  
CONSTRUCTION WITH  
THERMOMID  
POLYAMIDE THERMAL  
BREAKS**

Sustainable, High-Performance  
Innovation For The Future Of Building



## THERMO CORE A2 ALÜMİNYUM KOMPOZİT PANEL TEKNİK ŞARTNAME

### ■ THERMO CORE A2 Kompozit Panel Mekanik Özellikler

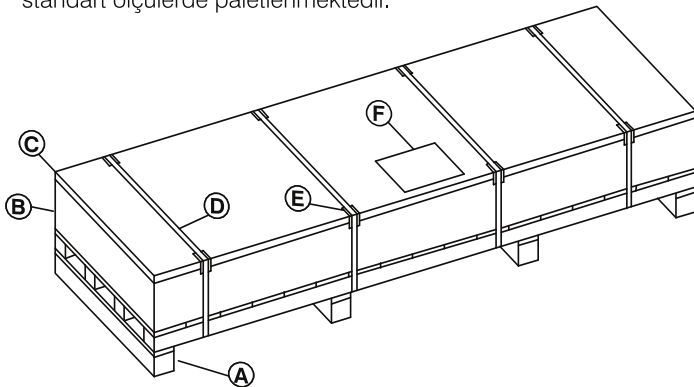
Akma Mukavemeti (kg/mm <sup>2</sup> )	: 4.1
Çekme Mukavemeti (kg/mm <sup>2</sup> )	: 4.8
Kopma Uzaması (l0=5,65 A0 <sup>1 2</sup> - %)	: 15
Ayrılma (N/mm)	: 12.5
Eğme Mukavemeti (Mpa)	: 122
Eğme Elastik Mod (Mpa)	: 10834
Termal Dayanım (m <sup>2</sup> K/W)	: 0.0103
Sapma Isısı(°C)	: 115
Isı Geçiş Katsayısı (Wm <sup>2</sup> /K)	: 5.54
Termal Uzama Katsayısı(mm/m/°C)	: 0.024
Isı Kullanım Aralığı (°C)	: -50 °C / +80 °C
Ses İzolasyonu	: 25 dB
Rijitlik (kN m <sup>2</sup> / m) (4 mm)	: 0.240
Kesit Modülü (cm <sup>3</sup> / m) (4 mm)	: 1.75
Rijitlik (kN m <sup>2</sup> / m )(3 mm)	: 0.125
Kesit Modülü (cm <sup>3</sup> / m) (4 mm)	: 1.25

### ■ THERMO CORE A2 Kompozit Panel Mekanik Özellikler

Cinsi	: PVDF
Ön İşlem	: Alkali Yağ Alma
Primer Boya Kalınlık	: 5 ± 2% <sub>n</sub> (ECCA T1-EN 13523-1)
Son Kat Boya Kalınlık	: 21 ± 2% <sub>n</sub> (ECCA T1-EN 13523-1)
Toplam Boya Kalınlık	: 26 % <sub>n</sub>
Gloss (60°)	: 30 ± 5 (EN 13523-2)
Boya Renk Sapma	: E = 1 (EN 13523-3)
Kalem Sertlik	: =HB (EN 13523-4)
Çapraz Deformasyon Test	: = GT1 (EN 13523-5)
T-Bükme	: T = 1 (EN 13523-7)
Asit Dayanım (1000sa)	: Sınıf 3 (EN 1396)
Su Dayanım (1000sa)	: Geçirme Yok (EN 13523-9)
Hızlandırılmış Kötü Hava Dayanım	: Gloss = 10 (EN 13523-10)
Metil-Etil-Keton Dayanım (MEK)	: >100 (ECCA T11)
Isı Dayanım (1/2sa 60° sürekli)	: Farklılık Yok (ECCA T13)
Kireçlenme Dayanımı (500sa)	: =10 (EN 13523-14)
Rutubet Dayanımı (1000sa sonra)	: Farklılık Yok (ASTM D2247-68)

### ■ THERMO CORE A2 Kompozit Panel Paletleme ve Sevkiyat

- THERMO PLAST Kompozit Paneller kuru bir alanda normal şartlar altında stoklanmalıdır.
- Konulduğu zeminden su ve nem almamalıdır.
- Stoklanma süresi 6 aydan fazla olmamalıdır.
- Kompozit paneller üst üste 6 paletten fazla olmamalıdır.
- THERMO CORE A2 Kompozit Paneller herhangi bir müşteri talebi olmadığı durumlarda 50 ve 100'er adetlik standart ölçülerde paletlenmektedir.



### ■ EN AW 3005 Alüminyum Kimyasal Kompozisyon

Fe %	Cr %	Ti %	Zn %	Mg %	Mn %	Si %	Cu %
0,45	0,01	0,02	0,03	0,45	1,13	0,21	0,11

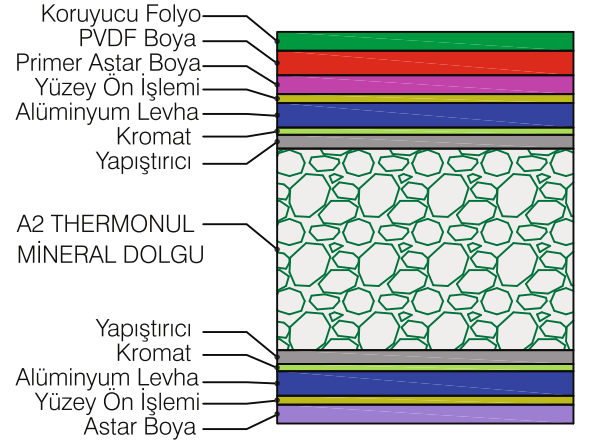
### ■ THERMO CORE A2 Kompozit Panel Üretim Toleransları

Kalınlık (mm)	: ± 0.2
En (mm)	: +2 / 0
Boy (mm)	: +4 / 0
Diyagonal (mm)	: max.3

### ■ THERMO CORE A2 Kompozit Panel Üretim Ölçüleri

Standart Ölçü (mm)	: 4 x 1250 x 3200
Kalınlık (mm)	: 4 - 5 - 6 - 8
En (mm)	: 1000 / 1250 / 1500
Boy (mm)	: 6000 mm' ye kadar özel ölçüler

### ■ THERMO CORE A2 Kompozit Panel Yapı



- Ⓐ Palet
- Ⓑ Alüminyum Kompozit Panel
- Ⓒ Karton
- Ⓓ Polyester Çember
- Ⓔ Plastik Köşebent
- Ⓕ Mamül Tanıtım Etiketi

S.NO	PROPERTIES	STANDART	UNIT	Thickness: 4mm	ALLOY SERIES 1) 1xxx 2) 3xxx 3) 5xxx	
				AL - 1xxx	AL - 3xxx	AL - 5xxx
1	Skin Thickness	.....	mm	0,5		
2	Weight	.....	kg/m <sup>2</sup>	8		
3	Standard Width	.....	mm	1,250		
4	Special Width	.....	mm	Upto 1500 Max		
<b>MECHANICAL PROPERTIES</b>						
5	Section Modulus (W)	DIN 53293	cm <sup>3</sup> /m	1,62	1,7	1,75
6	Rigidity (Poisson's ratio $\mu=0,3$ )	DIN 53294	KN cm <sup>2</sup> /m	2300	2320	2400
7	Alloy	EN 573 - 3	.....	EN AW - 1100	EN AW - 3105	EN AW - 5005 (Al mg1)
8	Temper	EN 515	.....	H16/H18	H14/H16	H22/H42
9	Modulus of Elasticity	EN 1999 1 - 1	N/mm <sup>2</sup>			
10	Tensile Strength of Aluminium	EN 485 - 2	N/mm <sup>2</sup>	R <sub>m</sub> ≥ 135	R <sub>m</sub> ≥ 140	R <sub>m</sub> ≥ 145
11	0,2% Proof Stress	EN 485 - 2	N/mm <sup>2</sup>	R <sub>po</sub> ≥ 85	R <sub>po</sub> ≥ 90	R <sub>po</sub> ≥ 95
12	Elongation	EN 485 - 2	%	A <sub>50</sub> ≥ 6	A <sub>50</sub> ≥ 5	A <sub>50</sub> ≥ 5
13	Linear Thermal Expansion	EN 1999 1 - 1	mm/m @100°C	2,4		
<b>CORE PROPERTIES</b>						
14	Core	EN 13501-1:2007+A1:2009 CLAUSE 8 & NFPA 285/BS6853	CLASS - A2,S1,d0 Passed	AL (OH) <sub>2</sub> Based Polymeric Bonded Core		
15	Surface Burning Test	ASTM E84	.....	Passed		
16	Fire Ehaiour	AS 1530 PART 3	.....	Passed		
17	Vertical Transmission	ASTM E 108	.....	Passed		
18	Rate of Burning	ASTM D 2015	.....	500 btu / lb		
<b>SURFACE FINISH PROPERTIES</b>						
19	Type/Finish	.....	.....	PVDF		
20	Gloss @60°C	ECCA T2	%	20 -35		
21	Pencil Hardness	ECCA T4	.....	min HB		
<b>ACOUSTICAL PROPERTIES</b>						
22	Sound Absorbtion Factor	ISO 354	.....	0,05		
23	Sound Transmission Loss(Rw)	ASTM E90	dB	STC: 26 OITC: 22		
<b>THERMAL PROPERTIES</b>						
24	Thermal Resistance R	DIN 52612	M <sup>2</sup> K/W	0,003		
25	Temperature Resistance	.....	°C	-50..... +80		

Firmamız THERMOMID markası altında alüminyum giydirme cephe sistemleri için EPDM fitil üretimi gerçekleştirmektedir.

EPDM conta malzemesi, diğer birçok conta malzemesinde tipik olarak şişme oluşturan hidrokarbon yağları ve petrol ürünlerini içeren uygulamalar için idealdir. Stabil olması ve ısıya dayanıklılık özellikleri onu buhar kullanılan uygulamalar için de uygun hale getirir.

#### **EPDM contanın işlevi**

Bir EPDM conta contası, sıvı veya gaz sızıntılarını önlemek için iki yüzey arasındaki boşluğu doldurur ve iki yüzey arasındaki kesişimi kapatır. Bu esnek bileşen, çok yönlülüğü nedeniyle çeşitli amaçlar için kullanılabilir.

#### **Pencere sistemlerinde EPDM kullanılması**

Kapalı hücreli bir EPDM kauçuğu kullanmak hava, toz ve UV ışınlarının girişini önleyerek pencerelerin binayı korumasını ve yalıtmasını sağlar.

EPDM, cephe sistemlerinde su geçirmez ve hava koşullarına dayanıklı bir bariyer sağlamak için bir membran olarak yaygın olarak kullanılmaktadır. Ayrıca pencere ve kapı contalarında, oluklarda ve iniş borularında kullanılır.

#### **EPDM'nin faydaları**

Hava koşullarına neredeyse tamamen dayanıklı olan EPDM'nin kauçuk bileşimi, aşırı sıcak ve soğukta esnek kalarak çatlak veya sızıntı riskini azaltır. Ayrıca şiddetli rüzgâra, yağmura ve doluya veya zararlı UV ışınlarına ve radyasyona dayanabilir.

#### **Standart Ürün Özellikleri:**

1. Hava, oksijen ve ozon dayanıklılığı
2. Hava ve su geçirmezlik
3. Geniş Sıcaklık aralığı
4. Kimyasal dayanıklılık
5. Ultraviyole (UV) dayanımı
6. Esneklik

#### **Ortalama Teknik Değerler**

1. Sıcaklık Dayanımı; -50°C ila +150°C arasında değişen geniş bir sıcaklık aralığında çalışabilirler.
2. Basınç Dayanımı: Genellikle 2 ila 10 bar arasında değişebilir. Bu körüğün belirli bir basınç altında dayanma kapasitesini tanımlar.
3. Kimyasal Dayanıklılık: EPDM kauçuk profiller, genellikle asitle, alkoller, ketonlar ve polar çözücüler gibi kimyasal maddelere karşı dayanıklılık gösterir.
4. Esneklik: EPDM kauçuk profiller genellikle esnek bir yapıya sahiptir, farklı şekil ve boyutlardaki uygulamalar için uygundur.
5. Renk Solması: EPDM kauçuk profiller UV ışınlarına karşı direnç gösterir ve renk solmasını önler.

Our company produces EPDM gaskets for aluminum curtain wall systems under THERMOMID brand.

EPDM gasket material is ideal for applications involving hydrocarbon oils and petroleum products, which typically swell in many other gasket materials. Its stability and heat resistance make it suitable for applications using steam.

#### **Function of EPDM gasket**

An EPDM gasket seal fills the gap between two surfaces and seals the intersection between the two surfaces to prevent liquid or gas leaks. This flexible component can be used for a variety of purposes due to its versatility.

#### **Using EPDM in window systems**

Using a closed-cell EPDM rubber prevents the entry of air, dust and UV rays, allowing windows to protect and insulate the building.

EPDM is widely used as a membrane in façade systems to provide a weatherproof barrier. It is also used in window and door seals, gutters and downpipes.

#### **Benefits of EPDM**

Almost completely weatherproof, EPDM's rubber compound remains flexible in extreme heat and cold, reducing the risk of cracks or leaks. It can also withstand strong wind, rain and hail, or harmful UV rays and radiation.

#### **Standard Product Features:**

1. Weather, oxygen and ozone resistance
2. Air and water tightness
3. Wide Temperature range
4. Chemical resistance
5. Ultraviolet (UV) resistance
6. Flexibility

#### **Average Technical Values**

1. Temperature Resistance; They can operate over a wide temperature range ranging from -50°C to +150°C.
2. Compressive Strength: It can generally vary between 2 and 10 bars. This defines the capacity of the bellows to withstand under a certain pressure.
3. Chemical Resistance: EPDM rubber profiles are generally resistant to chemicals such as acids, alcohols, ketones and polar solvents.
4. Flexibility: EPDM rubber profiles generally have a flexible structure, suitable for applications of different shapes and sizes.
5. Color Fading: EPDM rubber profiles resist UV rays and prevent color fading.

Thermoedge sıcak kenar cam çıtaları UV dirençli plastik polimer bazlı karışım ile üretilmektedir. Ürünler folyo ile kaplanmış plastik malzemeden haddelenmektedir. Ürünler 8-24 mm genişlik aralığında üretilmektedir. Standart üretimde siyah olarak üretilen plastik tarafının istek üzerine farklı renk seçenekleri ile üretilebilmesi mümkündür. Plastik bölüm üzerine baskı gerçekleştirilebilmektedir. Ürünler düşük  $\Sigma\lambda$ - ve  $\Psi$ -değerlerine sahiptir. Plastik çıta üzerinde bulunan perforasyon delikleri daha iyi yalıtımlı cam performansı sağlamaktadır. Sıcak kenar cam çitasının arka yüzündeki metal ve ametal kaplamalar çıtaların buhar ve argon bariyeri olarak işlev görmesini sağlamaktadır. Yüzeylerde yapışma kuvvetleri yüksek sızdırmazlık macunları kullanılmaktadır. Ürünler UV ışınlarına karşı, yüzeylerin çizilmesine karşı dayaklıdır ve düşük termal uzama katsayısına sahiptir. Sıcak kenar cam çıtaları düşük psi değerine sahip olduğu için komple konstrüksiyonun U değeri azaltılarak enerji tasarrufu sağlanmaktadır.

Sıcak kenar cam çıtalarının özellikleri;

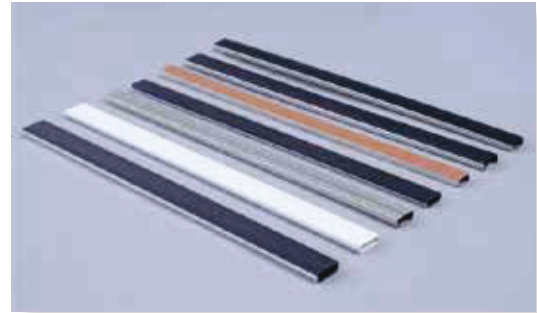
- Yüksek performans ve çok iyi termal özellik
- Metalik difüzyon, yüksek kalite
- Sık performans deliği
- Stabil, rijit ve kusursuz form
- Düşük psi değeri
- Yüksek UV ve buğulanma dayanıklılığı
- Mükemmel görüntü

MODEL	BÖLÜM GENİŞLİĞİ (A)	BÖLÜM YÜKSEKLİĞİ	UZUNLUK
MODEL	WIDTH OF SECTION (A)	HEIGHT OF SECTION	LENGHT
6 mm	5.5 mm	6.5 mm	5 m
8 mm	7.5 mm	6.5 mm	5 m, 6m
9 mm	8.5 mm	6.5 mm	5 m, 6m
10 mm	9.5 mm	6.5 mm	5 m, 6m
12 mm	11.5 mm	6.5 mm	5 m, 6m
14 mm	13.5 mm	6.5 mm	5 m, 6m
15 mm	14.5 mm	6.5 mm	5 m, 6m
16 mm	15.5 mm	6.5 mm	5 m, 6m
18 mm	17.5 mm	6.5 mm	5 m, 6m
19 mm	18.5 mm	6.5 mm	5 m, 6m
20 mm	19.5 mm	6.5 mm	5 m, 6m
22 mm	21.5 mm	6.5 mm	5 m, 6m
24 mm	23.5 mm	6.5 mm	5 m, 6m
26 mm	25.5 mm	6.5 mm	5 m, 6m
29 mm	28.5 mm	6.5 mm	5 m, 6m
32 mm	31.5 mm	6.5 mm	5 m, 6m

Thermoedge warm edge glazing beads are produced with a UV resistant plastic polymer-based mixture. The products are rolled with plastic material covered with foil. The products are produced in a width of 8-24 mm. The plastic side, which is produced in black in standard production, can be produced with different color options upon request. Printing can be done on the plastic part. The products have low  $\Sigma\lambda$ - and  $\Psi$ -values. Perforation holes on the plastic lath provide better insulated glass performance. Metal and nonmetal coatings on the back of the warm edge glazing bead enable the laths to function as a vapor and argon barrier. Sealing pastes with high adhesion strength are used on the surfaces. The products are resistant to UV rays, scratching surfaces and have a low thermal elongation coefficient. Since the warm edge glazing beads have a low psi value, the U value of the complete construction is reduced, thereby saving energy.

Features of warm edge glazing beads;

- High performance and very good thermal properties
- Metallic diffusion, high quality
- Frequent performance hole
- Stable, rigid and perfect form
- Low psi value
- High UV and fogging resistance
- Excellent image

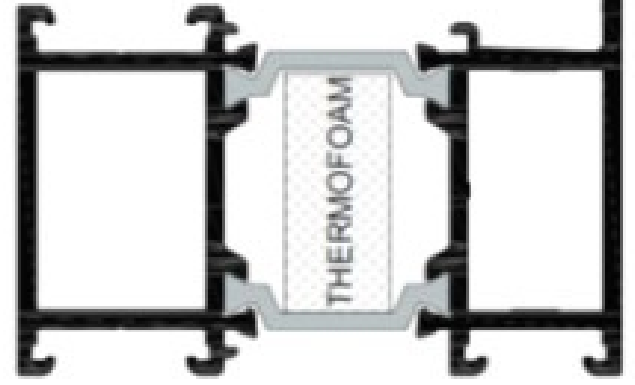




# THERMOFOAM

**P**

*ThermoPlast*



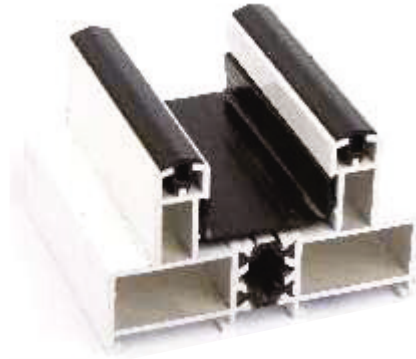
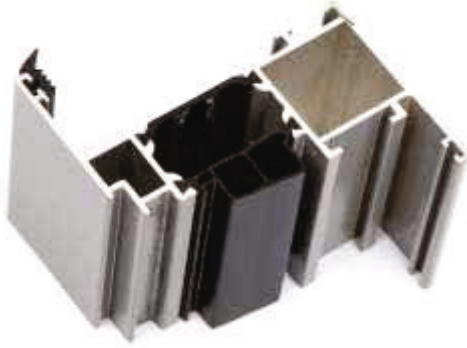
Daha iyi  
ısı ve ses  
yalıtımı  
sağlar

Geniş ölçü  
seçeneği  
mevcuttur

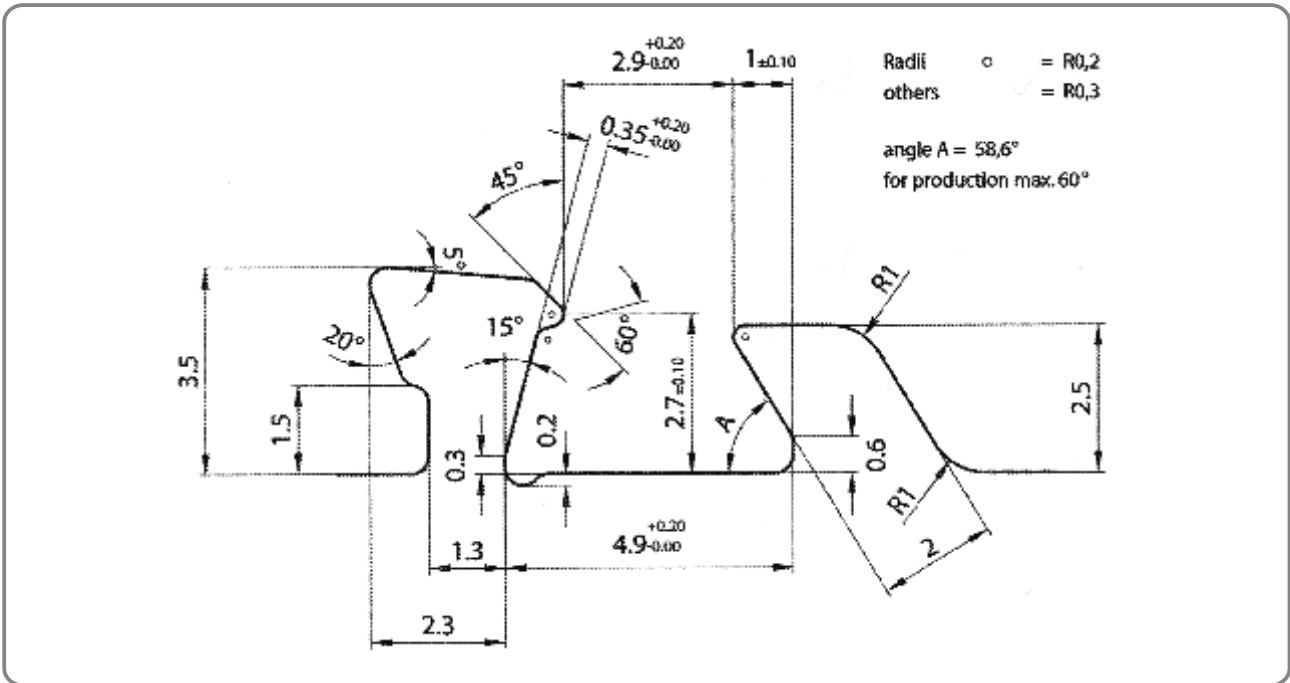


Yoğunluğu 1/10  
oranında  
indirilmiş  
şişirilmiş Eva  
reçinesinden  
üretlmıştır

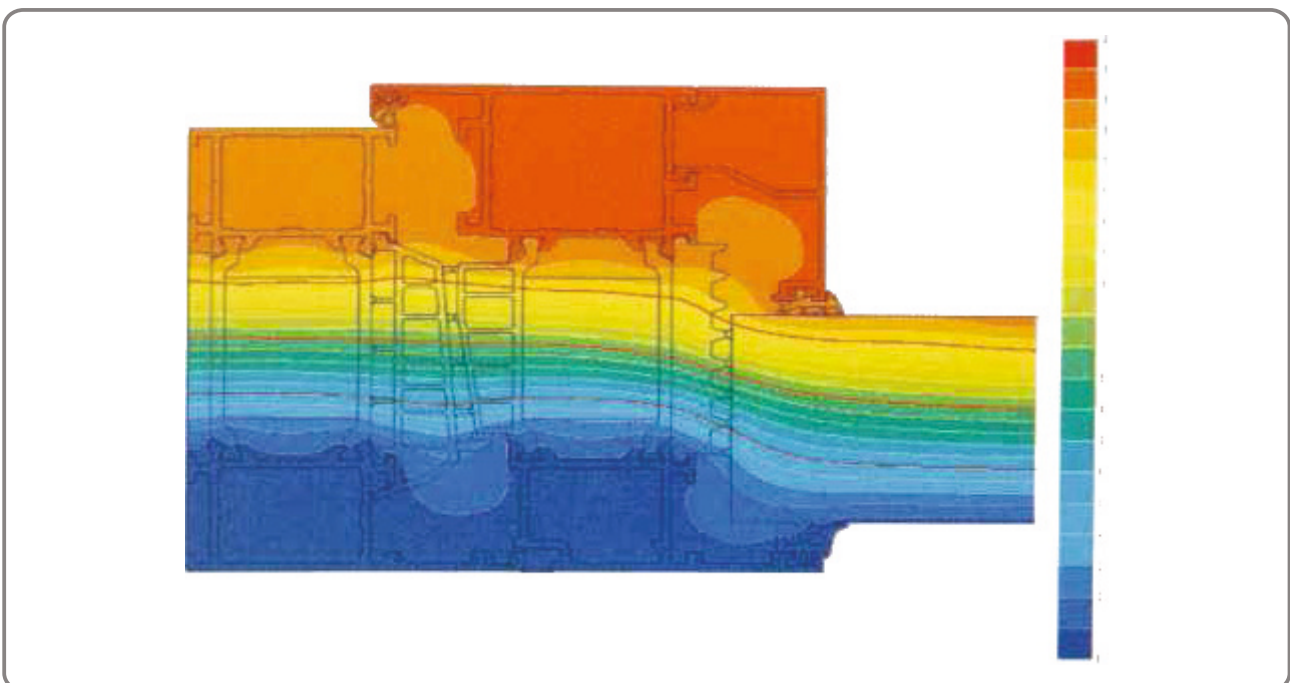
+130°C ısı  
dayanımına  
sahiptir.  
(Boyasız  
projeler için  
uygundur)

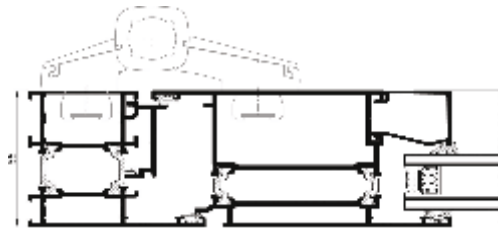
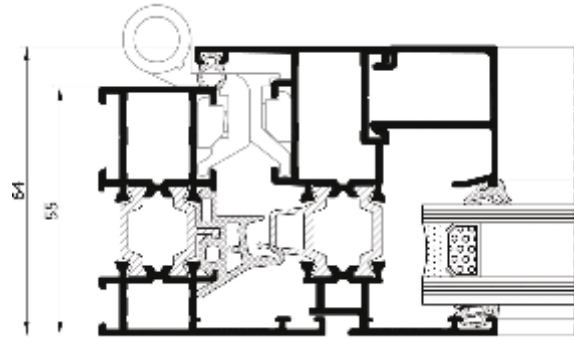


Thermomid Aluminium Standart Groove



Thermomid Aluminium Standart Groove





## Material Data Sheet

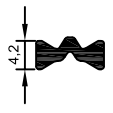
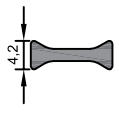
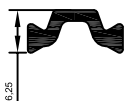
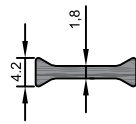

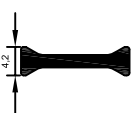
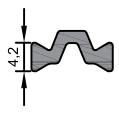
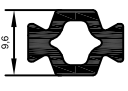
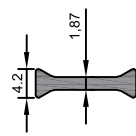
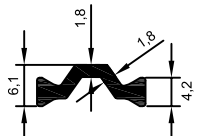
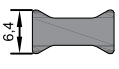
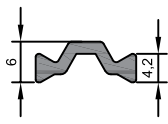
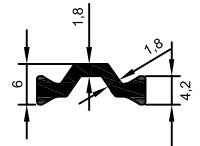
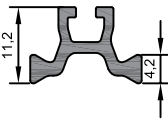
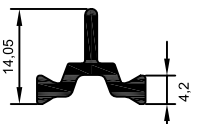
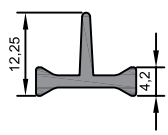
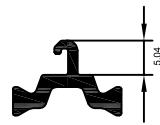
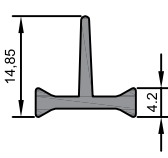
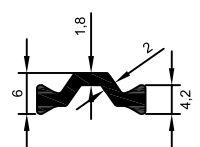
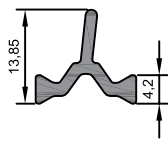
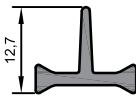
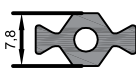
Insulating Profiles made of PA 66 GF25 – dry impact resistant

No.	Characteristic	Reference standard	Unit	Samples prepared from extruded insulating strips		
				Dry <sup>1)</sup>	Humidity equilibrium <sup>2)</sup>	Dry <sup>1)</sup>
1	Density	EN ISO 1183-1 or -3	g/cm <sup>3</sup>	1.3 +/- 0.05	1.3 +/- 0.05	1.3 +/- 0.05
2	Tensile strength	EN ISO 527-2 and -4 EN ISO 179 - 1 <sup>3)</sup>	N/mm <sup>2</sup>	min. 80	min. 50	min. 110
3	Impact strength	DIN 53453 <sup>4)</sup>	kJ/m <sup>2</sup>	min. 30 or without break	min. 40 or without break	min. 35
4	Melting temperature	EN ISO 11357-3	°C	min. 250	min. 250	min. 250
5	Elongation at break	EN ISO 527-2 and -4	%	min. 3	min. 7	min. 3
6	Annealing residue (glass fibre content)	EN ISO 1172	%	25 +/- 2.5	25 +/- 2.5	25 +/- 2.5
7	Shore hardness D	EN ISO 868	-	82 +/- 4	78 +/- 4	84 +/- 2
8	Young's modulus	EN ISO 527-2 and -4	N/mm <sup>2</sup>	min. 4,500	min. 2,000	min. 6,000


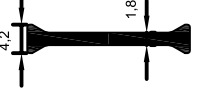
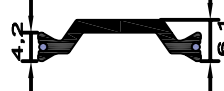
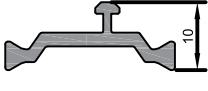

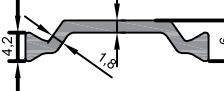
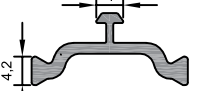


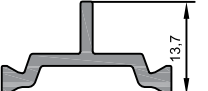

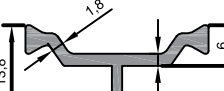
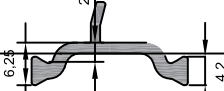
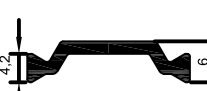
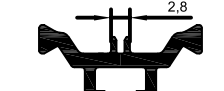
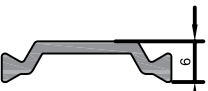
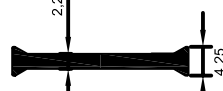
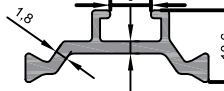
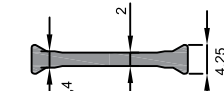

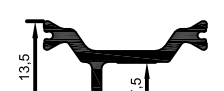

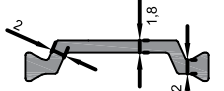
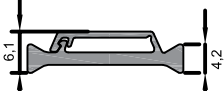

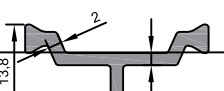

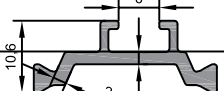

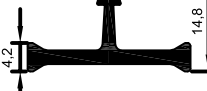
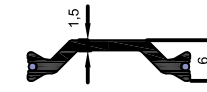
1) Sample water content less than 0.2% by weight 2) Fast conditioning (EN ISO 1110) 3) Method 11U 4) Standard small specimen (50mm x 6mm x wall thickness)

# PA 66 GF %25 THERMOMID SERIES



10 mm	12 mm	14 mm	14,8 mm	16 mm	
 TPP66 10K	 TPP66 120D	 TPP66 088504	 TPP66 148D	 TPP66 148VK	 TPP66 160D
	 TPP66 120K	 TPP66 083104	 TPP66 148D2	 TPP66 160K	
	 TPP66 120D2		 TPP66 148K	 TPP66 160K2	
			 TPP66 148CK	 TPP66 16KT	
			 TPP66 148T	 TPP66 16KC	
			 TPP66 148T2	 TPP66 RU16K	
			 TPP66 148KST		
			 TPP66 148TS		
			 TPP66 148KU		

17 mm	18 mm	18,6 mm	20 mm	22 mm
 TPP66 170K	 TPP66 180K	 TPP66 186K	 TPP66 200D	 TPP66 200K
 TPP66 220D	 TPP66 17KT	 TPP66 18KT	 TPP66 186K2	 TPP66 RU200D
 TPP66 200K	 TPP66 220K	 TPP66 18K2	 TPP66 RU20ABM	 TPP66 220K
 TPP66 17CK	 TPP66 180D	 TPP66 186D	 TPP66 200K2	 TPP66 22KU
		 TPP66 088004	 TPP66 20KT	 TPP66 RU220K
		 TPP66 180KG	 TPP66 20KTR	 TPP66 22KU
			 TPP66 20KK	
			 TPP66 200T	
			 TPP66 RU20K	

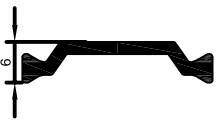
23 mm		24 mm		25 mm		26 mm		27 mm	
									
TPP66 084004	TPP66 240D	TPP66 240KG2	TPP66 25KST	TPP66 26KC	TPP66 270K				
									
TPP66 084104	TPP66 240K	TPP66 240KG2	TPP66 25KT	TPP66 26KK	TPP66 27KT				
									
TPP66 084204	TPP66 240K2	TPP66 240KCT	TPP66 250K	TPP66 260D	TPP66 27CK				
									
TPP66 083904	TPP66 24CK	TPP66 24KST		TPP66 260K	TPP66 RU270K				
									
TPP66 171904	TPP66 24KT				TPP66 RU270K				
									
	TPP66 24VK				TPP66 RU27CK				
									
	TPP66 24AB								
									
	TPP66 24T								
									
	TPP66 240KG								

28 mm

28.8 mm

30 mm

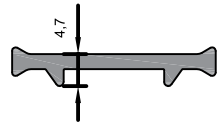
32 mm



TPP66 280K



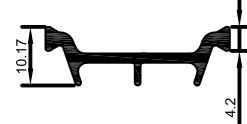
TPP66 288D



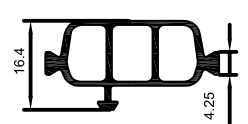
TPP66 092163



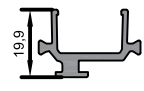
TPP66 089404



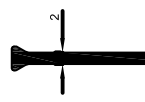
TPP66 077104



TPP66 086604



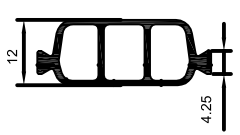
TPP66 092069



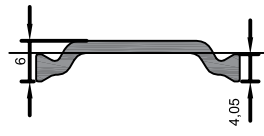
TPP66 068504



TPP66 068004



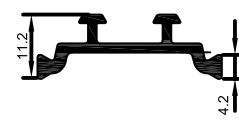
TPP66 086504



TPP66 069904



TPP66 089104



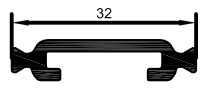
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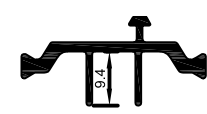
TPP66 320K



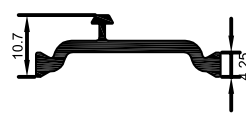
TPP66 086804



TPP66 32CK



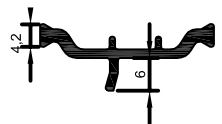
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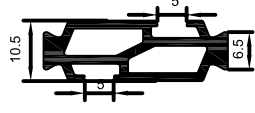
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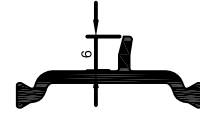
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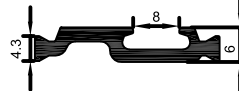
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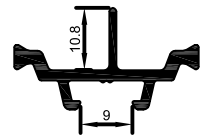
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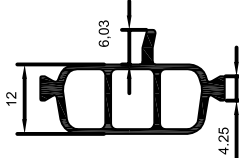
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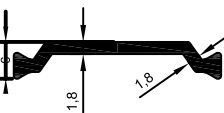
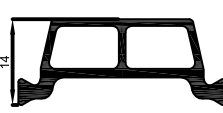
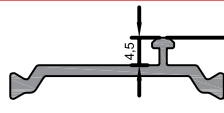
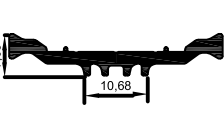
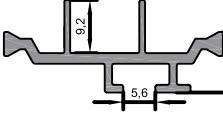
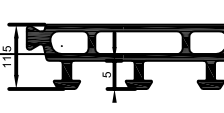
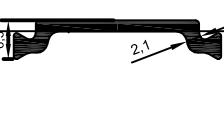
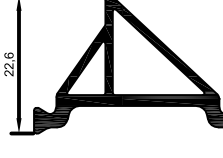
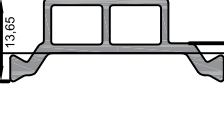
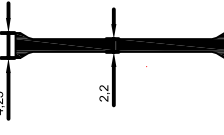





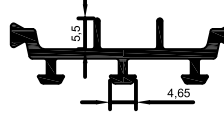
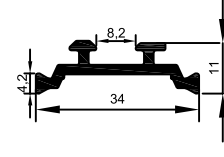
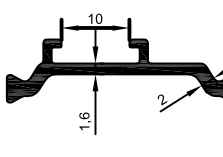

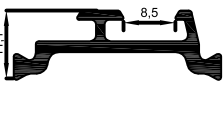
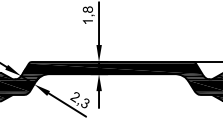
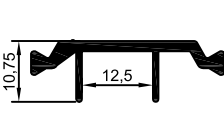
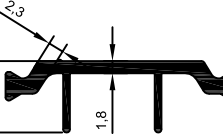
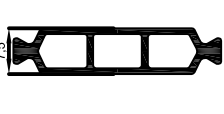
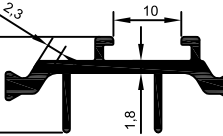
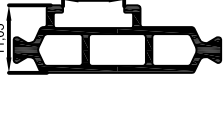
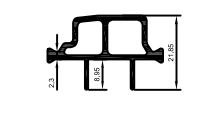
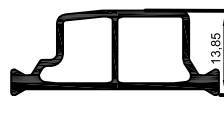
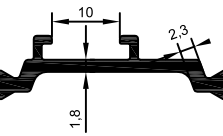


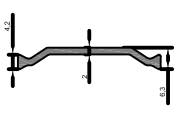
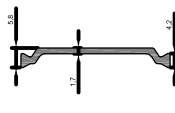
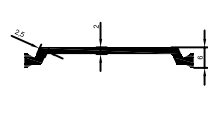
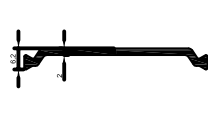
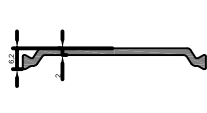
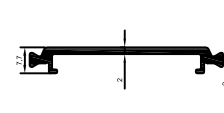
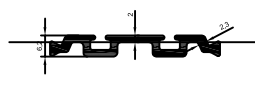


TPP66 079004



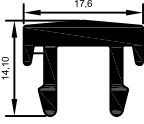
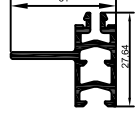
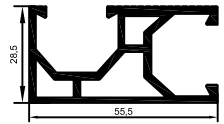
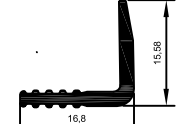
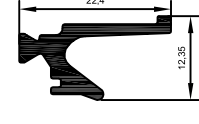
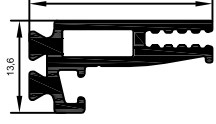
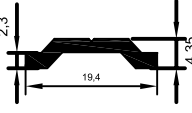
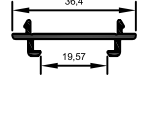
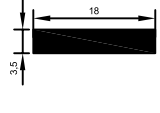
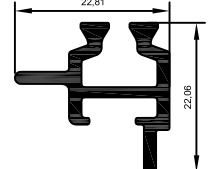
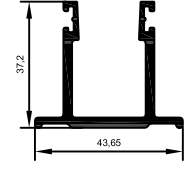
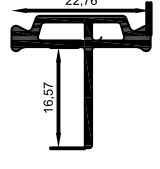
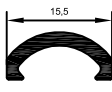

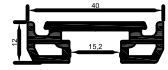
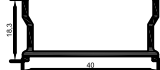
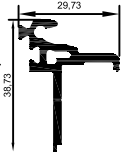
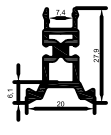
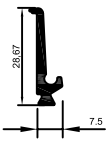
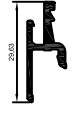
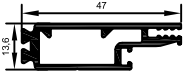
TPP66 086704



34 mm		35 mm		36 mm		38 mm		40 mm	
									
TPP66 340K2	TPP66 34KK	TPP66 35KST	TPP66 068104	TPP66 38CT	TPP66 040104				
									
TPP66 340K	TPP66 134006	TPP66 35KK	TPP66 078204			TPP66 040504			
									
TPP66 34CK	TPP66 34KU2	TPP66 350K	TPP66 069004			TPP66 077304			
									
TPP66 34KST	TPP66 34CK2					TPP66 400K			
									
TPP66 34CT	TPP66 RU340K								
									
TPP66 34KCT	TPP66 RU34KCT								
									
TPP66 34ODC	TPP66 RU34KKCK								
									
TPP66 34ODCK	TPP66 RU34KUTR								
									
TPP66 34KU	TPP66 RU34CK								

42 mm	44 mm	50 mm	53.7 mm	54 mm	57 mm
					
TPP66 420K	TPP66 440K	TPP66 RU50C	TPP66 537K	TPP66 540K	TPP66 RU570K
					
		TPP66 RU50H		TPP66 154001	TPP66 RU570H

**PROFILES FOR SLIDING DOORS & CURTAIN WALL SPACERS**

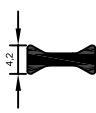
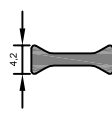
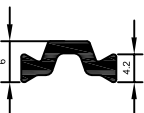
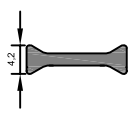
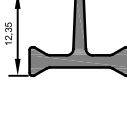
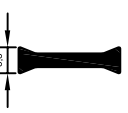
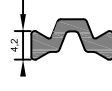
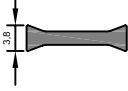
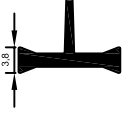
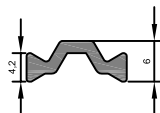
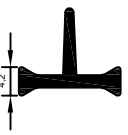
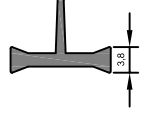
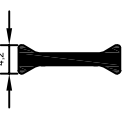
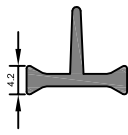
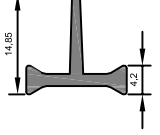
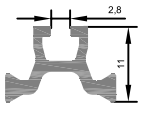
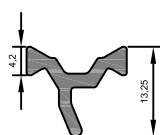
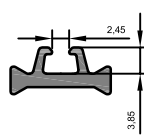
					
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TPP66 TIJ	TPP66 A02006	TPP66 1835	TPP66 809000	TPP66 A02005	TPP66 AD25018
					
TPP66 155C	TPP66 ALP017	TPP66 40460	TPP66 ALP001		
					
TPP66 020519	TPP66 20C10				
					
TPP66 02052018					
					
TPP66 2963					
					
TPP66 147001					

# PVC PROFILES

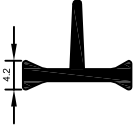
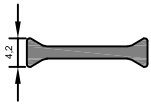
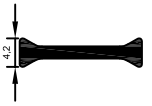
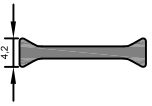

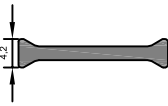
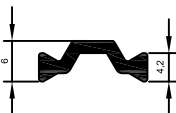
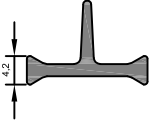
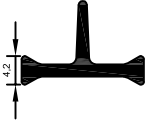
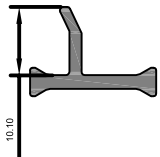

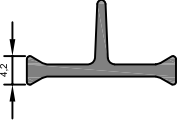
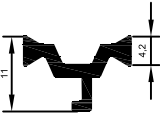
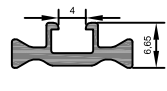
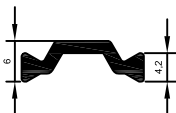
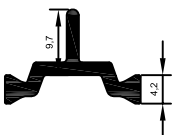

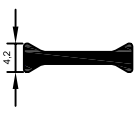
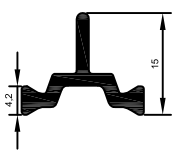
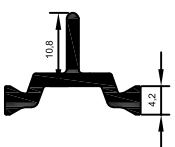
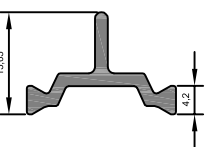
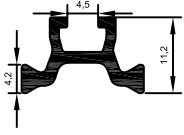
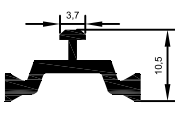
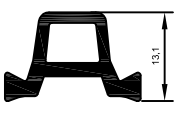
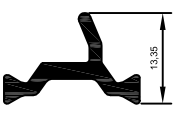


*ThermoPlast*

PVC PROFILE SERIES

10 mm	12 mm	14 mm	14.8 mm	15 mm	
 <p>TPP 100D</p>	 <p>TPP 120D</p>	 <p>TPP 140K</p>	 <p>TPP 148D</p>	 <p>TPP 148TS</p>	 <p>TPP 150D2</p>
	 <p>TPP 120K</p>		 <p>TPP 148D2</p>	 <p>TPP 150T2</p>	
			 <p>TPP 148K</p>	 <p>TPP 150T</p>	
			 <p>TPP 148T3</p>	 <p>TPP 150D</p>	
			 <p>TPP 148T</p>		
			 <p>TPP 148T2</p>		
			 <p>TPP 148CK</p>		
			 <p>TPP 148KC</p>		
			 <p>TPP 148C</p>		

PVC PROFILE SERIES

16 mm	17,8 mm	18 mm	18,6 mm	20 mm	22 mm
 TPP 160T	 TPP 178D	 TPP 180D	 TPP 186D	 TPP 200D	 TPP 220D
 TPP 160K	 TPP 178T	 TPP 180T	 TPP 186ST	 TPP 200K	 TPP 220T
 TPP 16KTR	 TPP 178CK	 TPP 180K		 TPP 20KT97	 TPP 220K
 TPP 160D		 TPP 180KT		 TPP 20KT108	 TPP 22KT
		 TPP 180CK		 TPP 20KTR	
				 TPP 20KK	
				 TPP 20KST	

PVC PROFILE SERIES

24 mm

26 mm

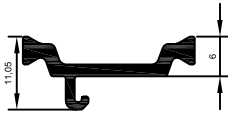
27 mm

30 mm

Profiles For Curtain Wall Spacers



TPP 240D



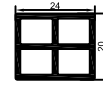
TPP 26KC



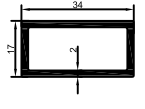
TPP 270K



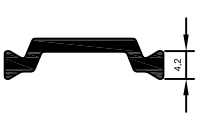
TPP 300D



TPP 10601



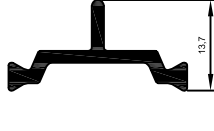
TPP 1734



TPP 240K



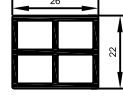
TPP 26KK



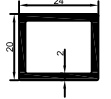
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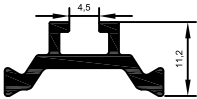
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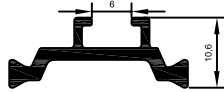
TPP 10602



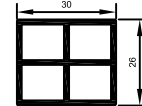
TPP 2024



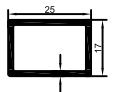
TPP 24CK



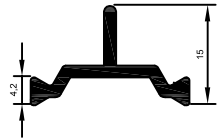
TPP 27CK



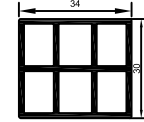
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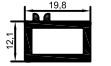
TPP 2517



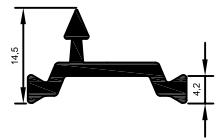
TPP 24KT



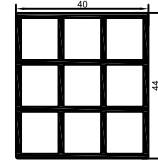
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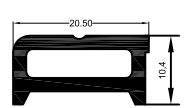
TPP PV15



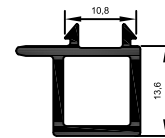
TPP 24KST



TPP 10605



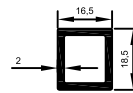
TPP DC



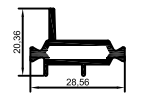
TPP F2605



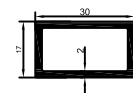
TPP 2856



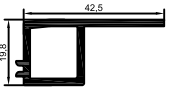
TPP 165185



TPP 2856T



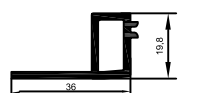
TPP 1730



TPP PV13

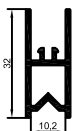


TPP PV14

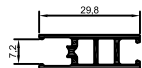


TPP PV22

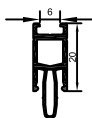
Profiles For Sliding Doors & Curtain Wall Spacers



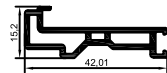
TPP 101501



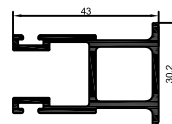
TPP 312001



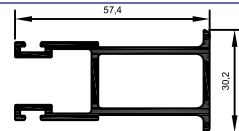
TPP 80020



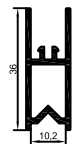
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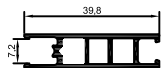
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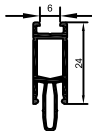
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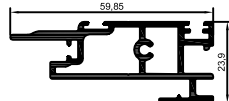
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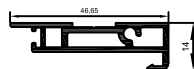
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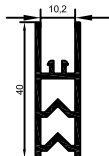
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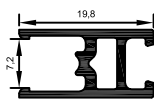
TPP 46MM



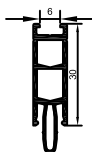
TPP SC319



TPP 101503



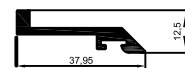
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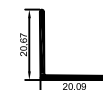
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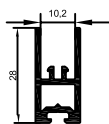
TPP PV4



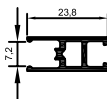
TPP PVC06



TPP QXP001



TPP 101504



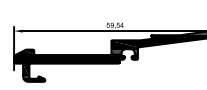
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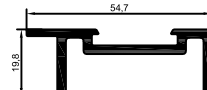
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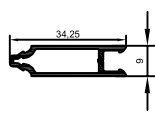
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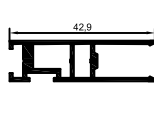
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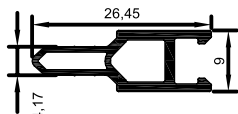
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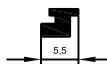
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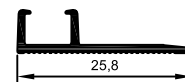
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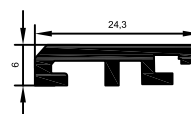
TPP 14MM



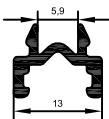
TPP 55MM



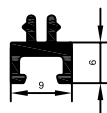
TPP 2580SH



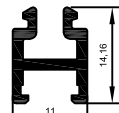
TPP 243IT



TPP 13MM



TPP F2600



TPP 11MM



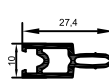
TPP PV11



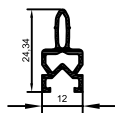
TPP PVC016



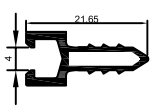
TPP PV21



TPP 139



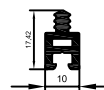
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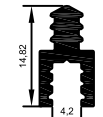
TPP 316



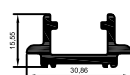
TPP QXP006



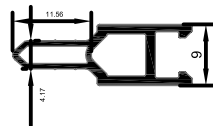
TPP PV20



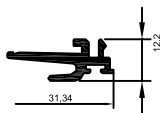
TPP SC505



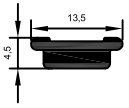
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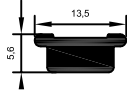
TPP 14MM



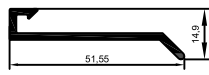
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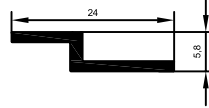
TPP 800008



TPP 800033



TPP PVC015



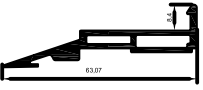
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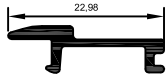
TPP SC301



TPP PLS03



TPP PV0315004



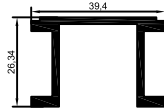
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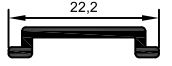
TPP 24L



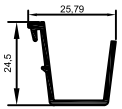
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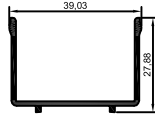
TPP PLS01



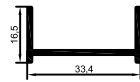
TPP PV1



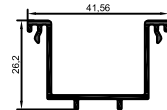
TPP 342020



TPP PLS02



TPP PVC05



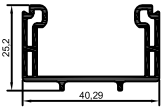
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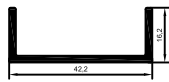
TPP 12MMCC



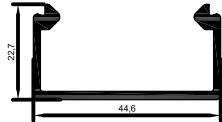
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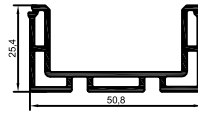
TPP PVC014



TPP 422U



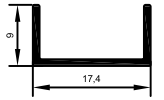
TPP PV0305



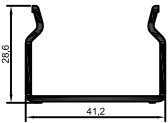
TPP 508U



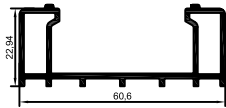
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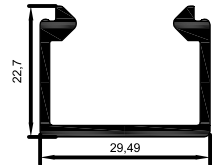
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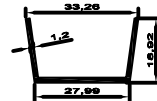
TPP 412U



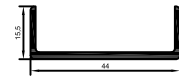
TPP 350130



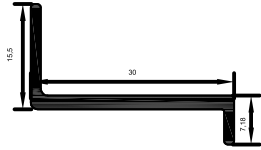
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TPP 342012



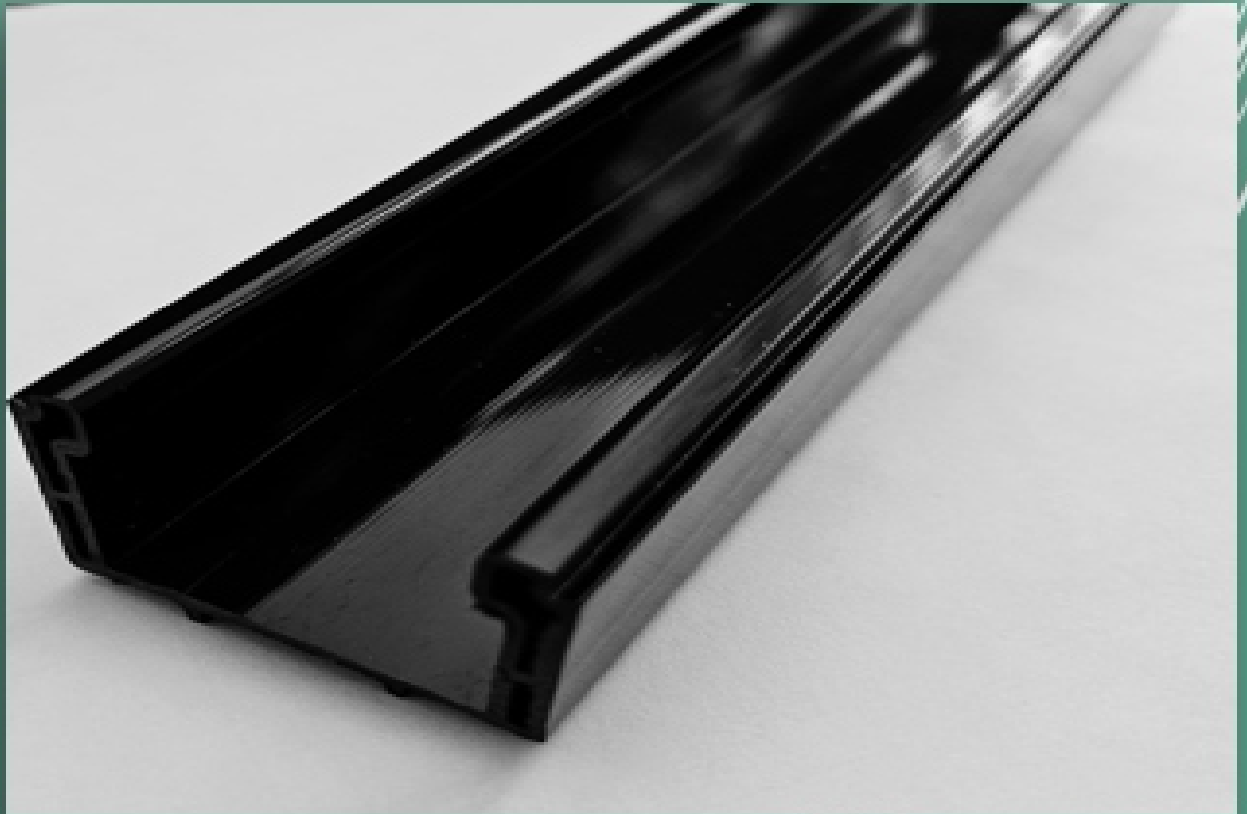
TPP 44U



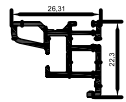
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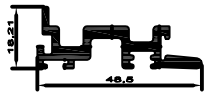
# PRO PVC SERIES



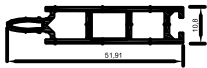
ThermoPlast



TPU 020357



TPU 485



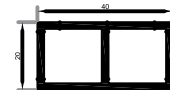
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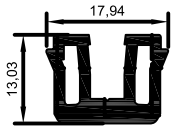
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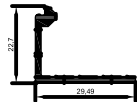
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TPU 2040



TPU BR001



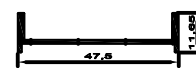
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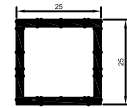
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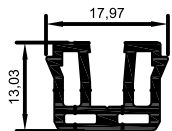
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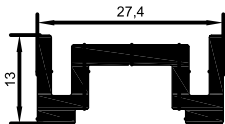
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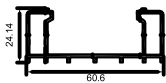
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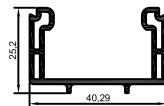
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TPU PV0906



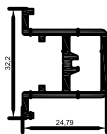
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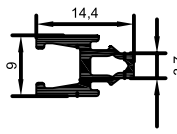
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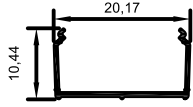
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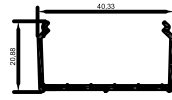
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TPU PLS10



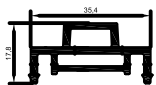
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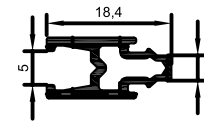
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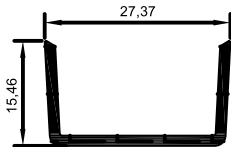
TPU 41U



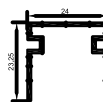
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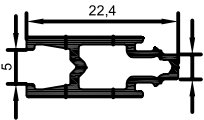
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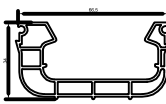
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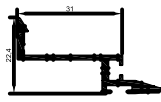
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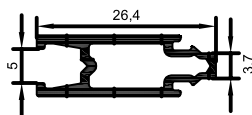
TPU PLS12



TPU HL002U



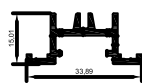
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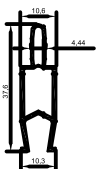
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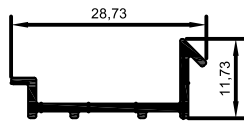
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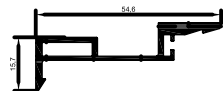
TPU 3389



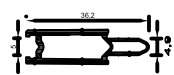
TPU ART01 - TPU WC01



TPU P05



TPU PV0501



TPU 362

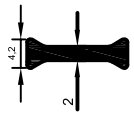
14,8 mm

16 mm

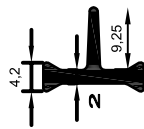
18 mm

20 mm

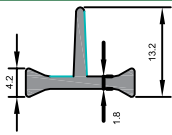
22 mm



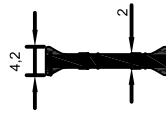
TPU 148D



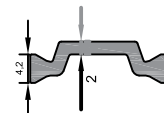
TPU 148TS



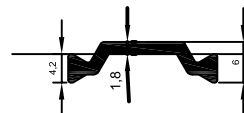
TPU 160T



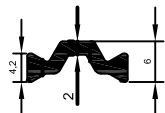
TPU 180D



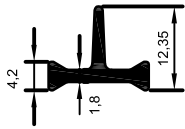
TPU 200K



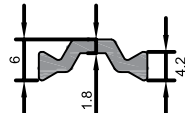
TPU 220K



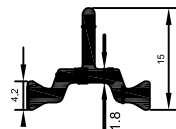
TPU 148K



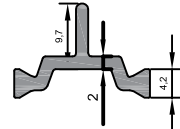
TPU 148TS2



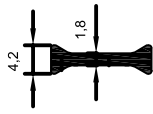
TPU 160K



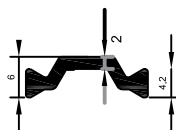
TPU 18KT



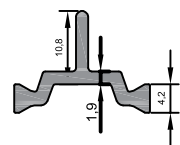
TPU 20KT97



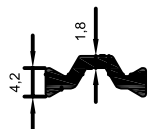
TPU 148DS



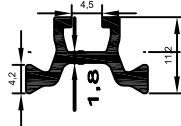
TPU 180K



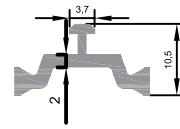
TPU 20KT108



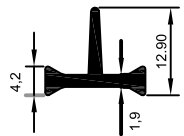
TPU 148K2



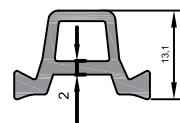
TPU 18CK



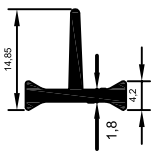
TPU 20KTR



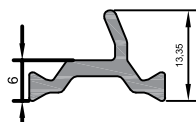
TPU 148T



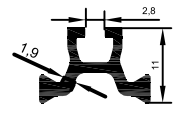
TPU 20KK



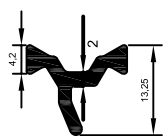
TPU 148T2



TPU 20KST



TPU 148CK



TPU 148KC

PRO PVC SERIES

24 mm

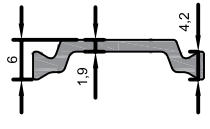
26 mm

32 mm

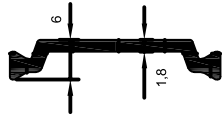
Profiles For Sliding Doors & Curtain Wall Spacers



TPU 240K



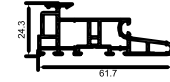
TPU 260K



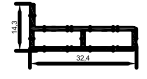
TPU 320K



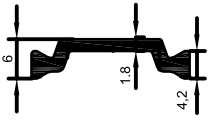
TPU 602900250



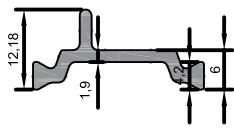
TPU HL003



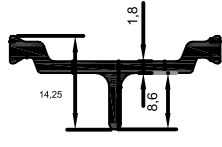
TPU PLS082



TPU 240KS



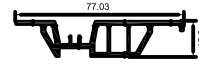
TPU 26KST



TPU 32KT



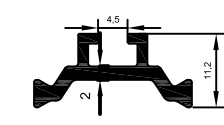
TPU 602900260



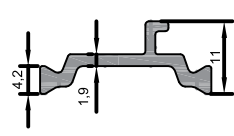
TPU HL001V



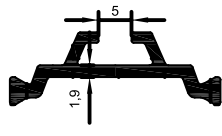
TPU SCH01



TPU 24CK



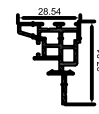
TPU 26KTR



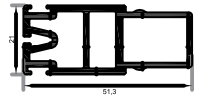
TPU 32CK



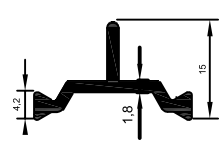
TPU 602900270



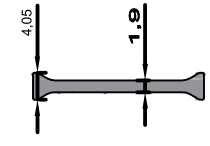
TPU HL004



TPU 340089



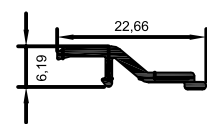
TPU 24KT



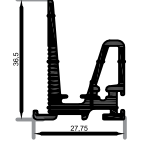
TPU 260D



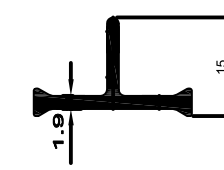
TPU 602900280



TPU HL005



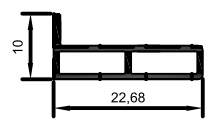
TPU 340090



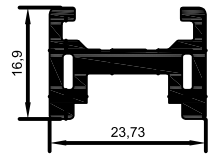
TPU 240T



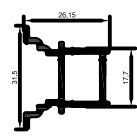
TPU 602900290



TPU PLS08



TPU MVS01



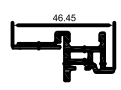
TPU 501001



TPU PLS09



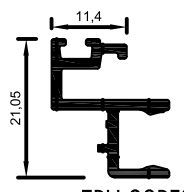
TPU MVS02



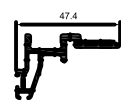
TPU INT0017



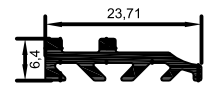
TPU P02



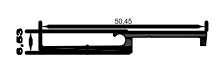
TPU O2RES10



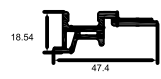
TPU PP7001



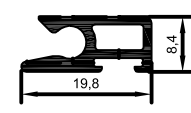
TPU P03



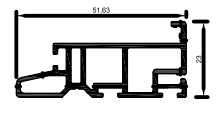
TPU O20354



TPU PP7002



TPU P06

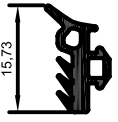


TPU O20358

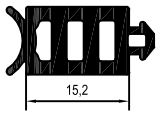
# EPDM PROFILES



**P** *ThermoPlast*



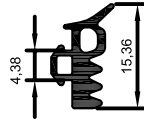
TPD 011115



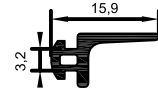
TPD 010221



TPE 010323



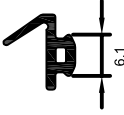
TPD 011115



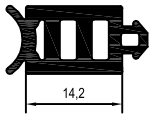
TPD 010812



TPD FTL0401



TPD 011803



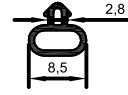
TPD 010222



TPD 010324



TPD 011803



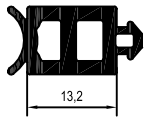
TPD 011202



TPD VUC01



TPD 011804



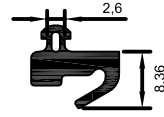
TPD 010223



TPD 010325



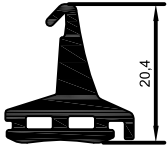
TPD 011913



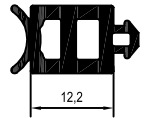
TPD 011203



TPD KKC01



TPD 011905



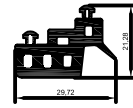
TPD 010224



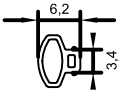
TPD 010326



TPD 011708



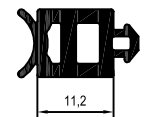
TPD 011214



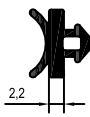
TPD SO01



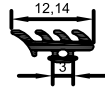
TPD 011112



TPD 010225



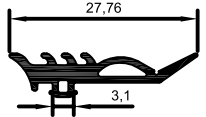
TPD 010327



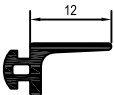
TPD CC030



TPD 011401



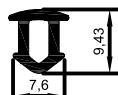
TPD CC030X



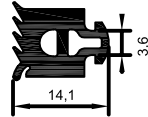
TPD 010812



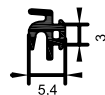
TPD 010226



TPD 011914



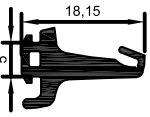
TPD 010207



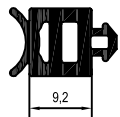
TPD OTC01



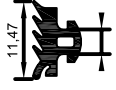
TPD FTL0402



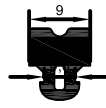
TPD 011904



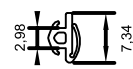
TPD 010227



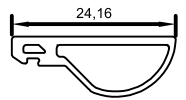
TPD 010307



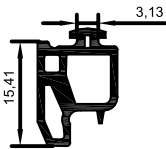
TPD 010501



TPD OTC02



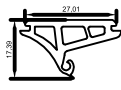
TPD FTL0403



TPD 012004



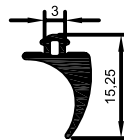
TPD 010321



TPD OTC04



TPD 011101



TPD OTC03



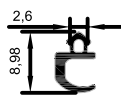
TPD FTL0404



TPD 012401



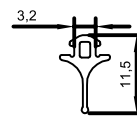
TPD 010322



TPD FTL0107



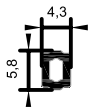
TPD 010701



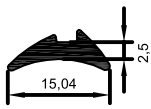
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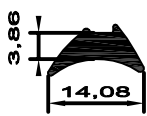
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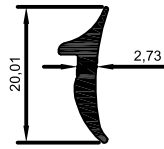
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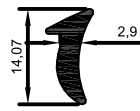
TPD 0126



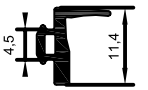
TPD 1732



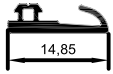
TPD 011704



TPD A11703



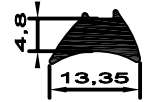
TPD O4023



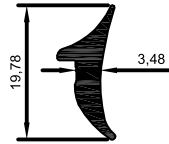
TPD FTL0128



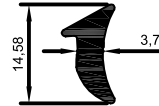
TPD 0305



TPD 1731



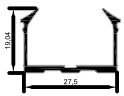
TPD 011705



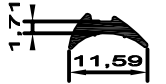
TPD A11704



TPD O4024



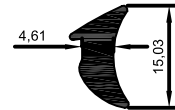
TPD FTL0129



TPD 2135



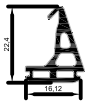
TPD 1730



TPD A11705



TPD O4025



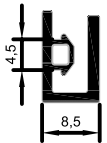
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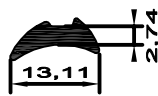
TPD 1743



TPD 1525



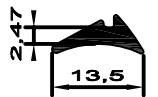
TPD FTL0131



TPD 1733



TPD 1560



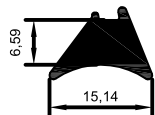
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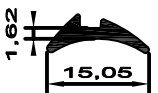
TPD 1561



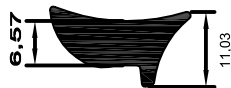
TPD 0382



TPD 1511



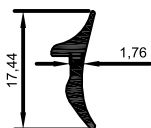
TPD 2034



TPD 2052

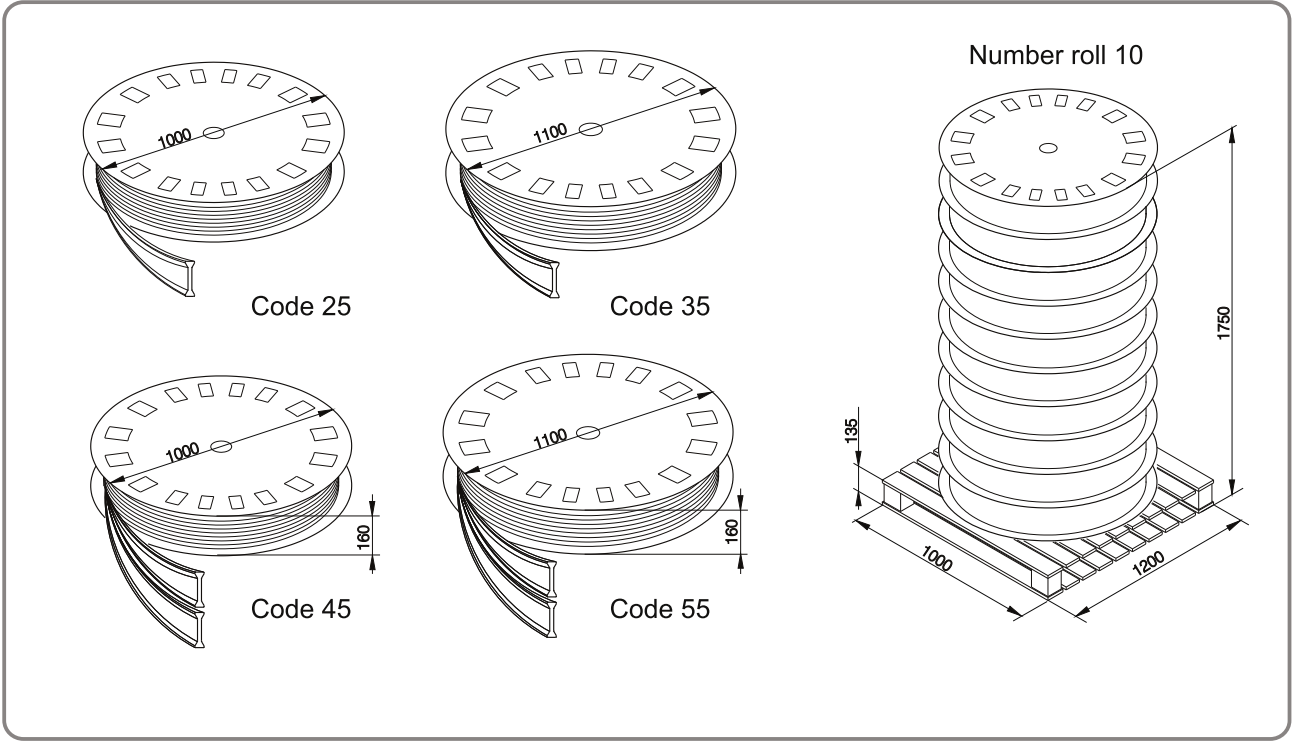


TPD 1742

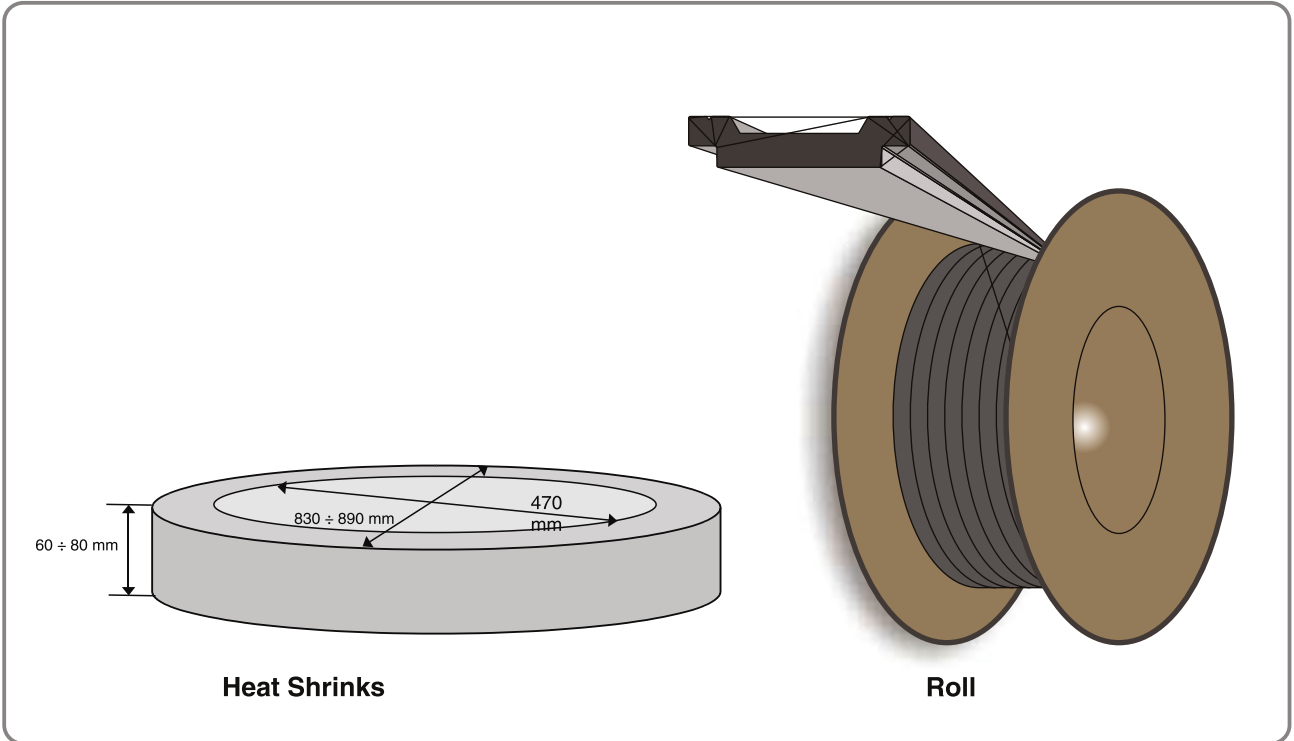


TPD 011703

## Paletli Rulo Ölçüleri / Tracked Roll Size

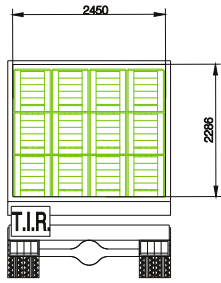


## Rulo Ölçüleri / Roll Size



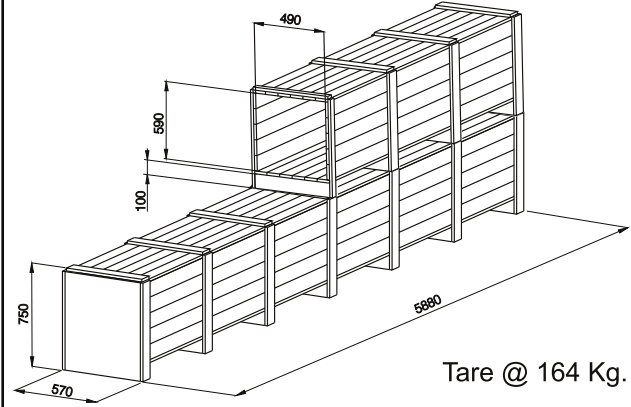
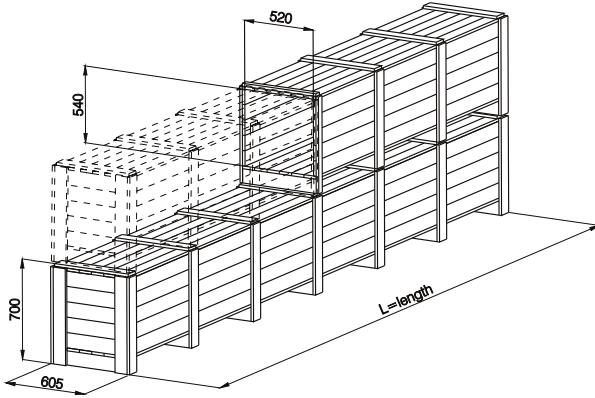
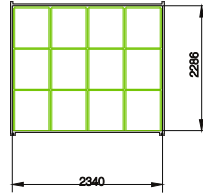


**Standart Sandık Ölçüleri / Standard Crate Dimensions**



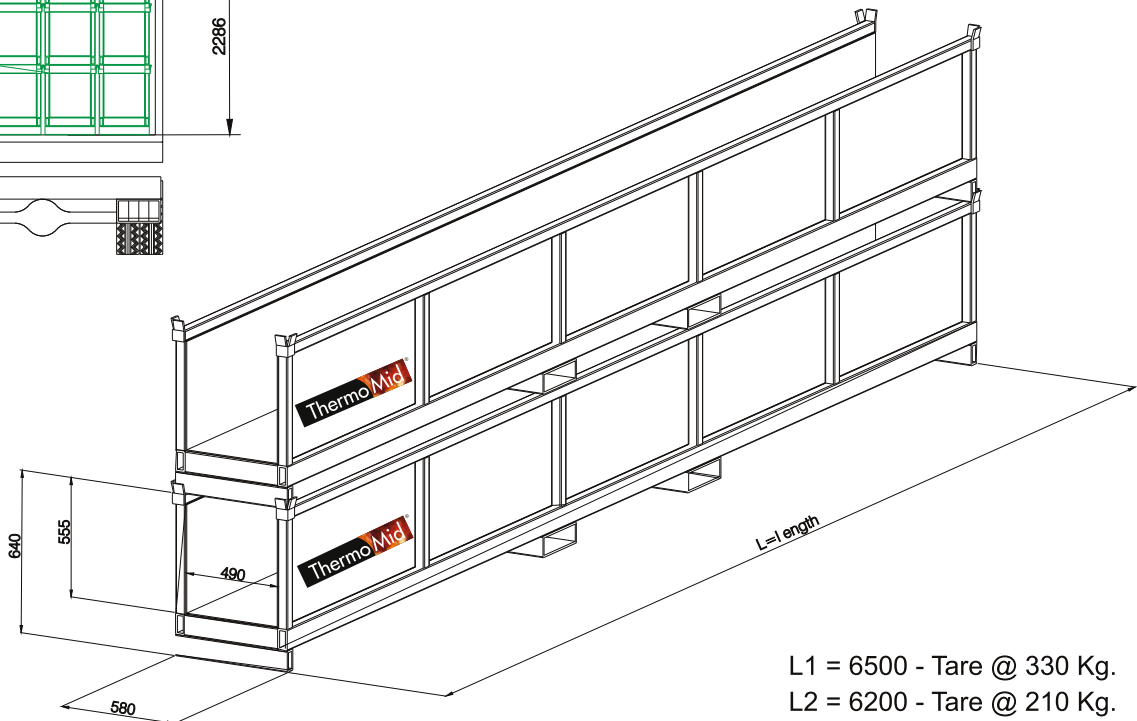
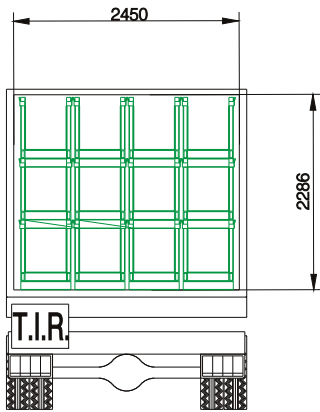
- L1 = 6150 - Tare @ 170 Kg.
- L2 = 6350 - Tare @ 175 Kg.
- L3 = 6750 - Tare @ 185 Kg.
- L4 = 7150 - Tare @ 200 Kg.

12 Wooden cases stowed in 20' box



Tare @ 164 Kg.

**Standart Sandık Ölçüleri / Standard Crate Dimensions**



- L1 = 6500 - Tare @ 330 Kg.
- L2 = 6200 - Tare @ 210 Kg.

LABORATUAR



PAKETLEME





# Certificate

CERTIFICATE OF CONFORMITY

## TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş.

Head Office Address / Merkez Ofis Adresi: TAŞDELEN MAHALLESİ SIRRI ÇELİK BULVARI HABİTAT  
MEYDAN APT. NO:4/23 ÇEKMEKÖY / İSTANBUL / TÜRKİYE

Factory Address / Fabrika Adresi: ORGANİZE SANAYİ BÖLGESİ MAHALLESİ 10.SOKAK NO:4/Z 1 SÜLOĞLU /  
EDİRNE / TÜRKİYE

The undersigned company certifies under its sole responsibility that the item groups specified below satisfies the requirements of the Construction Products Directive 305 / 2011 /EU which apply to it. The item groups identified below has been subject to internal manufacturing checks with monitoring of the final assessment by TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş.

Aşağıda tanımlanmış olan ürün grupları Yapı Malzemeleri Yönetmeliği 305 / 2011 / EU'nun uygulanabilen gerekliliklerinin yerine getirildiği ve sorumluluğunun alınmış olduğunu beyan ederiz. Aşağıda tanımlanan ürün grupları, iç üretim kontrollerine bağlı olarak TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş. tarafından kontrol edilmiştir.

Brand / Marka :

TP THERMOPLAST

Name of the Product / Ürün Adı :

THERMAL BARRIER - ISI BARIYERİ / THERMOEDGE / EPDM PROFİL - EPDM PROFILE / PLASTİK HAMMADDELER -  
PLASTIC RAW MATERIALS

Harmonized Standards / İlgili Standart(lar):

EN 14024 Metal profiles with thermal barrier - Mechanical performance - Requirements, proof and tests for assessment / TS EN 14024 Metal profiller - Isı bariyerli - Mekanik performans - Değerlendirme için gerekler, kanıtlar ve deneyler

Related Directives / İlgili Direktif :

Construction Products Directive 305 / 2011 /EU - Yapı Malzemeleri Yönetmeliği 305 / 2011 / EU



Certification Number : CE/210601  
Date of Certificate : 28.06.2024  
Date of Recertification : 27.06.2025  
The Period of Validity : 1 Year

  
Director





# Sertifika

CERTIFICATE

## TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş.

MERKEZ: TAŞDELEN MAHALLESİ SIRRI ÇELİK BLV. HABİTAT MEYDAN APT. NO: 4/23  
ÇEKMEKÖY/İSTANBUL/TÜRKİYE  
ŞUBE: OSB MAHALLESİ 10.SOKAK NO: 4/ZI SÜLOĞLU/EDİRNE/TÜRKİYE

# ISO 45001:2018

Kapsam/Scope

PVC VE POLYAMİDE THERMAL ISI BARIYERİ, GRANÜL PVC VE POLYAMİD PROFİL, ÇEVRE DOSTU THERMOBİO PROFİL, KENAR ÇİTALARI VE BİLEŞENLERİ, EPDM PROFİL VE PLASTİK HAMMADDE ÜRETİMİ, SATIŞI İTHALAT VE İHRACAT HİZMETLERİ

PVC AND POLYAMIDE THERMAL HEAT BARRIER, GRANULAR PVC AND POLYAMIDE PROFILE, ECO-FRIENDLY THERMOBIO PROFILE, EDGE LANE AND COMPONENTS, EPDM PROFILE AND PLASTIC RAW MATERIAL PRODUCTION, SALES, IMPORT AND EXPORT SERVICES

EA :14

Bu sertifika ile yukarıda adı geçen kuruluşun İş Sağlığı ve Güvenliği Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned company meets the requirement of Occupational Health & Safety Management System.

Sertifika No / Certification Number	: MTS-21747
İlk Kayıt Tarihi / Date of Initial Reg.	: 16.06.2021
Basım Tarihi / Date of Certificate	: 28.06.2024
Geçerlilik Tarihi / Date of Expiry	: 15.06.2025
Revizyon / Revision	: 001

Bu sertifika kuruluşun belgelendirme şartlarına uyması ve yılda en az 1 kez yapılacak olan gözetim denetimlerinin başarılı geçmesi halinde üç yıllık sertifikasyon periyodu bitiş tarihine kadar geçerlidir.

This certificate is valid until the end of the three-year certification period if the organization complies with the certification requirements and the surveillance audits to be carried out at least once a year are completed successfully.

Genel Müdür / General Manager



# Sertifika

CERTIFICATE

## TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş.

MERKEZ: TAŞDELEN MAHALLESİ SIRRI ÇELİK BLV. HABİTAT MEYDAN APT. NO: 4/23  
ÇEKMEKÖY/İSTANBUL/TÜRKİYE  
ŞUBE: OSB MAHALLESİ 10.SOKAK NO: 4/ZI SÜLOĞLU/EDİRNE/TÜRKİYE

# ISO 14001:2015

Kapsam/Scope

PVC VE POLYAMİDE THERMAL ISI BARIYERİ, GRANÜL PVC VE POLYAMİD PROFİL, ÇEVRE DOSTU THERMOBİO PROFİL, KENAR ÇİTALARI VE BİLEŞENLERİ, EPDM PROFİL VE PLASTİK HAMMADDE ÜRETİMİ, SATIŞI İTHALAT VE İHRACAT HİZMETLERİ

PVC AND POLYAMIDE THERMAL HEAT BARRIER, GRANULAR PVC AND POLYAMIDE PROFILE, ECO-FRIENDLY THERMOBIO PROFILE, EDGE LANE AND COMPONENTS, EPDM PROFILE AND PLASTIC RAW MATERIAL PRODUCTION, SALES, IMPORT AND EXPORT SERVICES

EA :14

Bu sertifika ile yukarıda adı geçen kuruluşun Çevre Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned company meets the requirement of Environmental Management System.

Sertifika No / Certification Number	: MTS-21746
İlk Kayıt Tarihi / Date of Initial Reg.	: 16.06.2021
Basım Tarihi / Date of Certificate	: 28.06.2024
Geçerlilik Tarihi / Date of Expiry	: 15.06.2025
Revizyon / Revision	: 001

Bu sertifika kuruluşun belgelendirme şartlarına uyması ve yılda en az 1 kez yapılacak olan gözetim denetimlerinin başarılı geçmesi halinde üç yıllık sertifikasyon periyodu bitiş tarihine kadar geçerlidir.  
This certificate is valid until the end of the three-year certification period if the organization complies with the certification requirements and the surveillance audits to be carried out at least once a year are completed successfully.

Genel Müdür / General Manager



# Sertifika

CERTIFICATE

## TP THERMOPLAST PLASTİK SANAYİ VE TİCARET A.Ş.

MERKEZ: TAŞDELEN MAHALLESİ SIRRI ÇELİK BLV. HABİTAT MEYDAN APT. NO: 4/23  
ÇEKMEKÖY/İSTANBUL/TÜRKİYE  
ŞUBE: OSB MAHALLESİ 10.SOKAK NO: 4/ZI SÜLOĞLU/EDİRNE/TÜRKİYE

# ISO 9001:2015

Kapsam/Scope

PVC VE POLYAMİDE THERMAL ISI BARIYERİ, GRANÜL PVC VE POLYAMİD PROFİL, ÇEVRE DOSTU THERMOBİO PROFİL, KENAR ÇİTALARI VE BİLEŞENLERİ, EPDM PROFİL VE PLASTİK HAMMADDE ÜRETİMİ, SATIŞI İTHALAT VE İHRACAT HİZMETLERİ

PVC AND POLYAMIDE THERMAL HEAT BARRIER, GRANULAR PVC AND POLYAMIDE PROFILE, ECO-FRIENDLY THERMOBIO PROFILE, EDGE LANE AND COMPONENTS, EPDM PROFILE AND PLASTIC RAW MATERIAL PRODUCTION, SALES, IMPORT AND EXPORT SERVICES

EA :14

Bu sertifika ile yukarıda adı geçen kuruluşun Kalite Yönetim Sistemi gerekliliklerini karşıladığı tasdik olunur.

This is to certify that the above mentioned company meets the requirement of Quality Management System.

Sertifika No / Certification Number	: MTS-21745
İlk Kayıt Tarihi / Date of Initial Reg.	: 16.06.2021
Basım Tarihi / Date of Certificate	: 28.06.2024
Geçerlilik Tarihi / Date of Expiry	: 15.06.2025
Revizyon / Revision	: 001

Bu sertifika kuruluşun belgelendirme şartlarına uyması ve yılda en az 1 kez yapılacak olan gözetim denetimlerinin başarılı geçmesi halinde üç yıllık sertifikasyon periyodu bitiş tarihine kadar geçerlidir.

This certificate is valid until the end of the three-year certification period if the organization complies with the certification requirements and the surveillance audits to be carried out at least once a year are completed successfully.

Genel Müdür / General Manager



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