



TDS FORM

Technical Data Sheet for PVC Edgebanding (1 / 5)

Name of Product

PVC Edgebanding

PVC (polyvinyl chloride) Edge banding is made from thermoplastic resin and is known to be both flexible and durable.

Manufacturer

REALMAK BICAK MAKINA SANAYI VE TICARET LTD.STI.
Tahtali Mh, Bursa Yolu Cd., No.39/1, 16330 Nilufer, Bursa, Turkey
Tel : + 90 224 482 29 07
E-Mail : info@realmak.com.tr
Web Site: www.realdekor.com.tr

Description of Product

- It is suitable for all wooden furniture produced with all kinds of wooden panels such as MDF and chipboard.
- Perfect adhesion with hotmelt glue
- Opaque base colorized to match the surface color
- Solid colors and wood patterns compatible with all types of chipboard and MDF surfaces
- Excellent protection against physical damages

Available Surface Structres

- Smooth Surface
- Natural Surface
- Pearl Surface (Orange Effect, Bute)
- Matt Surface
- High Gloss Surface
- Wood Larres Surface
- STR Surface
- Textile Surface (Cotton, Fabric Effect)



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Specifications

Color:

Due to the fact that sample and the actual product have been produced at different times, there will be slightly color variations within tolerances.

Color Fastness :

Real Dekor edgings are printed with the UV inks with woolscale of 6-8

Gloss :

The specified gloss, determined by ISO 2813, is as follows (equipment reading angle =600)

- Embossed Surface : ± 7
- Woodgrains : ± 17
- High Gloss Solid Colors : ± 93
- High Gloss Woodgrains : ± 93

Dimensional Stability :

During 1 hour at 800C temperature the shrinkage is <1,5% according to the standard DIN 53377

Density :

Range between 1.35 and 1.4 according to the standard DIN 53479.

Water Absorption :

Insignificant amount of water absorption according to standard ISO 62

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Characteristics	Test Standard	REALDEKOR PVC Edgebanding
Shore hardness D	DIN 53 505/ISO 868	81 ± 3
Impact Resistance 23°C (Izot)	ISO 179/2C	20 ± 2 kJ/m ²
Resistance to warping under heat Vicat B 50 (Deflection temperature underload, Softening Temperature)	DIN53460/ISO306	80 ± 2°C
Tensile Strength	DIN EN ISO 527-1	45 Mpa
Resistance to scratch	TS 4757	≥ 1,5 Newton
Resistance to chemicals	TS EN 12720 / TS 4980	Resistant
Static charge		Low
Paint and varnishes-Cross cut test	TS EN ISO 2409	Table1-Classification of test results -Classification 1
Surface quality		Super matt to Glossy
Flammability	ATSM D 635	Self Extinguishing
Width		X* mm ± 0,5mm
Thickness		0,40 mm +0,02 / -0,04 0,80 mm +0,04 / -0,12 2 mm +0,10 / -0,20



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Available Sizes of the Rolls

The standard lengths for the standard thicknesses;

- 0,40mm thickness 300 metres
- 0,80mm thickness 150 metres
- 2,00mm thickness 100 metres

The different widths and the thicknesses within the range of sizes given below can be produced regarding to the customer inquiry.

Any thickness from minimum 0,30mm upto maximum 2,00mm
Any width from minimum 16mm upto 430mm

Processing Instructions

PVC edgebanding can be processed on all types of edgebanding machines by using the correct hot melt adhesive products and techniques. For each machine, it might require special adjustment in the process or in the parameters due to conditions of the machine and environmental conditions.

Packing

Dimension of the box and the number of contents inside might change due to the different width of the product. The standard box dimensions are here below.

0,40mm ~ 1,00mm

Box Size: Width 450mm – Length 450mm – Height 170mm

0,40mm x 22mm 1 Box Includes 7 rolls (2100 meters)

0,80mm x 22mm 1 Box Includes 7 rolls (1050 meters)

1,00mm ~ 2,00mm

Box Size: Width 590mm – Length 590mm – Height 120mm

2,00mm x 22mm 1 Box Includes 5 rolls (500 meters)



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Storage

The recommended storage temperature is between 18° and 25 °C.
The recommended shelf and storage life of the product is 24 months after production date.

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