



Technical Specifications 2in1 / 3D PMMA Edgebanding

Product Name

PMMA (Poly Methyl Meth Acrylate) Edgebanding in 2in1 / 3D

Producer

TECE Dekor A.S.

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Description

- High quality edgebanding for any kind of MDF and chipboard
- Perfect stick with hotmelt glue or PUR glue
- 3 Dimensional effect
- 2in1 glossy effect and contrast opaque base
- Solid color or metallic color possibility with 3d effect.
- Original wood pattern and colors
- Excellent protection to physical damages
- No smell, nontoxic
- Edging applied to panels in all sort of furniture production.

How to work with Tece PMMA Edgebanding

PMMA is a very special polymer and it requires extra care during the processing. If the result is not good enough, check the following :

- 1.** Trimming / End cutting: Knives should be positioned correctly; have to be sharp. Check the tension of end cutting to avoid cracking.
- 2.** In too cold weather (10° or lower), preheat the board and edgebanding to have better result.

If you still face breaking of 3D edgebanding, please contact with us.

Characteristics

Chemical : The elasticity of the product has been improved with plasticizers and the product has high impact resistance made from totally polymerized PMMA material.





Physical and Mechanical Characteristics

Parameter	Condition	Value	Test Standard	Result
Opacity	3 mm	%	ASTM D 1003	91
Misty	3 mm	%	ASTM D 1004	< 1,5
UV Light Resistance			ASTM D 4303	7
Refractive Index	nd	-	ASTM D 542	1,49
Softening Temperature (Method A)	10 Nt	°C	ASTM D 1525	91
Resistance to hits (Charpy)	Notch	kJ/m2	ASTM D 256	5
Rockwell Hardness	M Scale	M skalası	ASTM D 785	41
Tensile Strength at Break		MPa	ASTM D 638	39,2
Expansion		%	ASTM D 638	120
Density		gr/cm3	ASTM D 792	1,17
Shrinkage	80 °C/1 hr	%	CompanyMethod	< 1
Electrical Conductivity		Ohm.cm	ASTM D 257	1.0 E+15



Available Sizes

The width of the edge banding can be changed based on the customer demand (such as 23mm, 33mm, 42mm, 44mm or etc). The thickness is available in 1mm. The standard length of 1 mm thickness PVC roll is 150 mt.

Thickness	Width	Weight / Roll	External Roll Diameter	Roll Length
1 mm ±%5	23 mm±0.5 mm	4kg ± %5.2	485 mm	150mt ± %1

Inside core dimension can be 150mm or 300mm.



Packaging

Dimension of the box changes as the width of the product changes.
The standard box dimensions are here below.

Thickness	Box Dimensions	# of roll in box
1 mm	50 cm x 50 cm x h : 13 cm	23 mm x 1 mm = 5 rolls

The boxes come on pallets. On a pallet, there can be 48 boxes.



Storage

The recommended storage temperature is between 18° and 25 °C, proper dry conditions.
The product should be used up to 24 months after production date.



Safety Instructions

During the processing, the workers should wear eye protection and careful with the cutters.
The material can be recycled by the professional plastic recycling companies.