

**MORE FROM WOOD.**

Quality management ISO 9001



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## TECHNICAL DATASHEET

### EGGER PMMA Edging



EGGER PMMA edging tape is a thermoplastic edging product with protective and decorative properties for finishing the narrow sides of wood-based panels. A universal bonding agent (primer) is applied to the reverse side as standard.

### Uses / Applications

EGGER PMMA edging tape is used to finish the narrow sides of laminated wood-based materials such as chipboard, MDF, HDF and Lightweight boards and provides the perfect finishing touch for all decorative surfaces. It can be used in a wide variety of areas: furniture for kitchens, bathrooms, offices and bedrooms, living rooms and teenager rooms, exhibition builds and shopfitting systems, cabinet fronts, furniture carcasses. EGGER PMMA edging tape is also suitable for finishing individually shaped freeform furniture components.

### Material

PMMA (polymethylmethacrylate) is a very high quality and proven thermoplastic synthetic material with a transparency level that is even better than glass. PMMA is characterised by a high level of stiffness, impact strength, hardness and lightfastness.

### Technical data

Properties / mechanical / electrical	Unit	Value	Standard
Light fastness for use in internal areas	Blue scale	> Level 7	EN 438-2, testing according to EN ISO 4892-2
Indentation hardness	N/mm <sup>2</sup>	> 70	ISO 2039-1
Hardness Shore D	-	80	ISO 868
Impact strength, 23°C notched	KJ/m <sup>2</sup>	7-8	ISO 179/2C
Impact strength, 23°C unnotched	KJ/m <sup>2</sup>	70	ISO 179/2D
Vicat softening temperature	[°C]	> 100°C	ISO 306, Method B/50
Chemical resistance	-	1B*	DIN 68861
Shrinkage (1h at 80 °C)	%	<1.0	
Static charging	-	low	-

\*Resistance to solvents and alcohols is limited, see cleaning and chemical properties.



## Processing characteristics

Machining	PMMA suitability
Cutting	good
Milling direction	Conventional milling / climb milling <sup>1)</sup>
Pre-milling	good
Radius milling	good
Profiling	good
Scraper processing	good
Buffing	good
Bonding	all regular edging hot-melt adhesives can be used
Polishability	very good
Stress whitening	medium
Machining centre processing compatibility	good

<sup>1)</sup> Conventional milling is recommended for all thermoplastic edging material

## Tolerances

### Width tolerances

Width [mm]	Tolerance [mm]
12 - 54	± 0,45

### Thickness tolerances

Thickness [mm]	Tolerance [mm]
0 – 1.0	+ 0.10 / - 0.10
1.1 – 2.0	+ 0.10 / - 0.20
2.1 – 3.0	+ 0.15 / - 0.25

### Tensioning tolerances

Thickness [mm]	Width up to 30 mm	Width over 30 mm
0 – 1.0	0.00 – 0.40	0.00 – 0.50
1.1 – 3.0	0.00 – 0.30	0.00 – 0.40

### Parallelism

Thickness [mm]	Maximum deviation [mm]
0 – 2.0	0.10
2.1 – 3.0	0.15

## Longitudinal distortion

Thickness [mm]	Maximum stretching to 1 m length [mm]
0 – 3.0	3.0

## Storage

EGGER PMMA Edging tape is resistant to rot and may therefore be stored at room temperature (20 to 25°C) in a room that is weatherproof and protected from direct sun light for a virtually unlimited period.

## Cleaning and chemical properties

EGGER PMMA Edging tape is easy to clean using cleaning agents designed for plastic surfaces. The use of solvents or alcoholic substances (e.g. release, antistatic, cooling or cleaning agents) is not recommended, as they may damage the surface or break the edging material.

## Handling waste

Waste from EGGER PMMA Edging tape may be disposed of as residual waste. If the wood leftovers obtained are picked up by a disposal company for purposes of further utilisation, only a small share is usually allowed to be wood-based materials with edging. It should be agreed with the disposal company how high the share of plastic edging and other so-called impurities may be. The thermal recycling of plastic edging is also possible as a rule and reasonable on the basis of the high heating potential of the leftovers. The process produces no chlorine compounds. EGGER PMMA Edging may be recycled thermally together with chip leftover in approved facilities. As a rule, wood-based materials with plastic edging resulting from production may also be thermally recycled. There is no need for time-consuming separation and/or edge removal.

## Stock range

Please refer to the current EGGER collection for information on the range of EGGER Edging.

**Information on working with EGGER PMMA Edging can be found in our processing instructions.**

Provisional note:

This technical datasheet has been carefully drawn up to the best of our knowledge. The information provided is based on practical experience, in-house testing and reflects our current level of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or its suitability for specific applications. We accept no liability for any mistakes, errors in standards, or printing errors. In addition, technical modifications may result from the continuous development of EGGER PMMA edging, as well as from changes to standards and public law documents. The contents of this technical data sheet should therefore not be considered as instructions for use or as legally binding. Our General Terms and Conditions apply.