

PRODUCT DATA SHEET

EGGER ACCENT EDGING



EGGER Accent Edging is a thermoplastic edging product with primarily aesthetic properties for finishing edges on wood-based panels. It differs visually from matching ABS Edging due mainly to its unique depth. Universal bonding agent is applied to EGGER Accent Edging as standard (primer).

Uses / Applications

EGGER Accent Edging is used for edging coated wood-based materials like chipboards, MDF and HDF boards providing a contrasting finish for all decorative surfaces. It can be used in a wide range of applications: “accents” can be used in kitchens, bathrooms, offices, bedrooms, living rooms, exhibition and shop fittings, front panels, worktops, etc.

Product Properties

As care must be taken with the edge material during processing, differentiation is required at the decor level.

MATERIAL

Ten of the fourteen decors have been manufactured from acrylic. Acrylic (PMMA = Polymethyl methacrylate) is a very high-quality thermoplastic that has been tried and tested over many years and which provides even better transparency than glass. The following decors are Acrylic-based:



H8952 Multiplex Effect



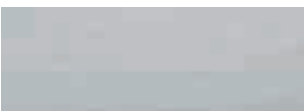
H8951 Walnut Aluminium Effect



H8953 Light Striped Wood Effect



H8954 Dark Striped Wood Effect



F8994 Brushed Aluminium Effect



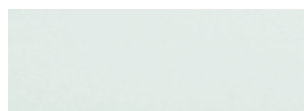
F8995 Brushed Steel Effect



F8996 Brushed Bronze Effect



W8900 3D Premium White



F8991 Glass Effect



F8992 Alu Wave

Three PET-based (polyethylene terephthalate) types of edging have been produced. A sheet of real aluminium is embedded in the PET material. This gives the edging a shiny appearance, while the sheet is protected by the PET material. The following decors are PET-based:



FA101 Brushed Aluminium



FA102 Brushed Steel Effect



F8993 Metallic green

One PP-based (polypropylene) edging is used. A real sheet of aluminium is also used for this type of edging. In this case, an imprinted aluminium sheet is used on the edge surface. The following decors are PP-based:



H8950 Wenge Aluminium Effect

Technical Data

Material properties	PET	PP	PMMA
Processing characteristics ²			
Cutting	good	good	good
Milling direction ³	Downcut ³ recommended	Up ³	Downcut/up ³
Pre-milling	Downcut ³ recommended	Up ³	good
Radius milling	Downcut ³ recommended	Up ³	good
Profiling	Downcut ³ recommended	Up ³	good
Scraper processing	good	good	good
Buffing	good	good	good
Radius bonding	good	good	good
Hotmelt bonding	Any commercially available hotmelt adhesive can be used (EVA, APAO, PA, PUR ⁶)		
Suitability for polishing ²	moderate ²	moderate ²	very good ²
Susceptibility to stress whitening	low	low	low
Suitability for lacquering	-	poor ⁴	-
Machining centre processing compatibility	limited	very good	good ^{5,6}
Disposal	Waste edging materials can be incinerated with chips at suitable facilities		
Health effects	No adverse effects to general health		

² Machine may need to be optimised

³ Upcut is recommended for all thermoplastic materials:

⁴ Special paints and primer required

⁵ As a general rule, the hot-melt adhesive must be applied to the board. If HOMAG or IMA machines are used, a special glue coating roller is required.

⁶ Except for decors F8994 (Brushed Aluminium Effect) and F8995 (Brushed Steel Effect)

Material properties	PET	PP	PMMA
Performance characteristics			
Light fastness for internal use tested to ISO 4892-2 and *DIN 53 384c/53 388 (blue wool scale)	≥6	≥6	7-8*
Ball indentation hardness tested to ISO 2039-2 Rockwell Hardness, R Scale *Ball indentation hardness tested to DIN 53 456 (N/mm ²)	approx. 108	approx. 108	>70*
Shore hardness D tested to DIN 53505 / *ISO 868	Not normally tested for hard plastics	75 (±3)	83 (±3)*
Linear thermal expansion coefficient tested to ISO 11359 (1/K x 10 ⁻⁶) *Linear thermal expansion coefficient tested to DIN 52 328 (1/K x 10 ⁻⁶)	approx. 90	approx. 100	90-110*
HDT softening temperature HDT at 0.45 / 1.8 MPA ISO 75 (in °C) *Vicat softening temperature B50 tested to DIN 53 460/ISO 306 (in °C)	70 / 62°C	100 / 65°C	90 (± 3)*
Shrinkage tested to factory standard (in %)	1h/90° <1.7%	1h/90° <0.2%	<1.5
Chemical resistance tested to DIN 68 861	Part 1b with restrictions	good ¹	
Surface quality	super matt to high-gloss	matt can be polished to gloss or high-gloss	
Static charging	low		

¹ Limited resistance to alcohol, solvents or thinners.

Tolerances

WIDTH TOLERANCES

Width [mm]	Tolerance [mm]
0 - 30	± 0,5
>30	± 0,5

THICKNESS TOLERANCES

Thickness [mm]	Tolerance [mm]
0 – 1,0	+ 0,10 / - 0,15
1,1 – 2,0	+ 0,15 / - 0,25

TENSION - TOLERANCES

Thickness [mm]	Width up to 30 mm	Width over 30 mm
0 – 1,0	0,20 – 0,50	0,30 – 0,70
1,1 – 2,0	0,10 – 0,30	0,15 – 0,35

PARALLELISM

Thickness [mm]	max. Deviation [mm]
0 – 1,0	0,10
1,1 – 2,0	0,10

LONGITUDINAL DISTORTION

Maximum 3 mm to 1 m length.

Storage

EGGER Accent Edging is resistant to rot and can therefore be stored at room temperature in a weather-proof room for an almost unlimited period.

Cleaning

When cleaning EGGER Accent Edging, we recommend that you simply use soap suds or special cleaners that are specifically intended for cleaning acrylic materials. For cleaning furniture components to which the decors FA101 (Brushed Aluminium), FA102 (Brushed Steel) and F8993 (Metallic Green) have been fixed, we recommend commercial, non-aggressive cleaning agents designed for PET or plastic surfaces.

Disposal

EGGER Accent Edging can be incinerated along with other chip waste. The process produces no chlorine compounds. Other limit values from the TA-Luft regulations must be observed during incineration.

Stock Programme

Please refer to the current EGGER collection for information on the EGGER Accent Edging Programme.

Processing

Information on machining EGGER Accent Edging can be found in our processing instructions.

The information contained within this data sheet is based on practical experience as well as in-house tests and reflects our current state of knowledge. It is intended for information only and does not constitute a guarantee in terms of product properties or their suitability for specific applications. Unless otherwise stated, our General Terms and Conditions apply.