

Basis **ebaboard 0700**

Colour brown

### Applications

- Master models
- Design Models
- Foundry patterns
- Data control models
- Supporting shells for heat treatment
- Vacuum forming tools (short runs)
- PU-foaming tools (short runs)

### Properties

- dense surface
- very fine structure
- very well workable
- easy sealing, good varnishable
- high strength values
- good edge stability
- low generation of dust during machining
- good heat resistance

### Processing data

<b>Product</b>	<b>ebaboard 0700</b>		
Colour	brown		
Density at 20°C	g / cm <sup>3</sup>	0,70 ± 0,02	

### Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	25 ± 2
Flexural elongation at break	EN ISO 178	%	4 ± 0,2
Flexural modulus	EN ISO 178	MPa	1250 ± 100
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	4,5 ± 0,5
compressive strength 0,75 % proof stress	EN ISO 604	MPa	20 ± 0,2
Heat resistance (HDT)	DIN EN ISO 75 B	°C	78 ± 3
Shore hardness	DIN ISO 7619-1	Shore D	61 ± 2
coefficient of thermal expansion 20 - 50 °C	internatl test / Dilatometer	10 <sup>-6</sup> K <sup>-1</sup>	ca. 49

### Sales units (packages)

**ebaboard 0700**

- 1500 x 500 x 30 mm
- 1500 x 500 x 50 mm
- 1500 x 500 x 75 mm
- 1500 x 500 x 100 mm
- 1500 x 500 x 150 mm
- 1500 x 500 x 200 mm

## Processing instructions

Advices for machining of board material

- Making even of milling support
- Roughing of geometry
- Removing of clamps, if possible over night
- Clamping
- Finishing

For bonding and repairing we recommend our adhesive brown as well as our repair putty brown.

The repair putty can also be used as fast adhesive and can be mixed individually with the adhesive following the indications of a mixing table in order to set up the pot-life.

## In General

**ebaboard** material is available in specified sizes. The surface is machined on all sides. **ebaboard** is a synthetic, post-cured board material on polyurethane base. It has an even structure and plane parallel machined surfaces.

Advantages:

- Dense structure
- Good edge strength
- Low tension
- Good workability
- Low dust development when milling

Dimension tolerances of 3 mm in length and width and 0,5 mm in thickness are possible.

## Safety measure

**ebaboard** material is a cured filled polyaddition product, no hazardous dusts when grinding.  
According to regulations for hazardous goods **ebaboard** products don't have to be marked during transport and storage.

According to regulations for hazardous products all **ebaboard** products are not to be marked for transport and storage. Please follow safety advices !

## Waste Disposal

Small quantities can be disposed as domestic waste. For big quantities, contact your local authorities, please.

In case of further questions please do not hesitate to contact our department for product safety.

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.