

Product Type **Synthetic Board Material**

Colour Beige

Applications

- Styling Models
- Design Models
- Architectural Models
- CNC Prove Out
- Base Construction

Properties

- Very Low Weight
- Very Easy to Work

Processing Data

Product	ebazell 50	
Colour	Beige	
Density at 20°C	g / cm ³	0.05 +/- 0.005

Physical Data

Properties	Test Method	Unit	Value
Flexural Strength	EN ISO 178	MPa	60 +/- 5
Elongation at Break	EN ISO 178	%	12 +/- 0.3
Flexural Modulus	EN ISO 178	MPa	1000 +/- 100
Impact Resistance (Charpy)	EN ISO 179	kJ/m ²	26 +/- 2.5
Compressive Strength	EN ISO 604	MPa	47 +/- 5
Flammability Classification	DIN 4102	class	B2
Shore Hardness	DIN 53505	Shore A	10 +/- 2

Sales Units (Packages)

ebazel 50 2000 x 1000 x 150 mm
 1000 x 1000 x 200 mm

Processing Instructions

The boards are bonded with our “Kleber 1K Foam Adhesive” or “Adhesive for **ebazell** boards”. The glued parts can easily be fixed with clamps or by weight.

For sealing we recommend our primer G 1 for **ebazell**-boards. In order to obtain an optimum surface we recommend to apply the primer twice.

For machining corresponding milling parameters are available

In General

ebazell is a synthetic board material on polyurethane base, which can be easily processed by hand and by machine. The product contains no halogenes, plasticisers, formaldehyde or solvents. No chlorofluorocarbon is used during manufacture, it is proven biologically friendly.

Advantages:

Very fine surface structure Easy to machine, contains no abrasive fillers No sandy surface

Dimensional tolerance of 1-2 % is possible.

Storing

In dry and closed places storage of the material is unlimited.

Safety Measure

ebazell material is a cured filled polyaddition product, no hazardous dusts when grinding. Anyway the quantity of dusts coming from mechanical treatment of wood and metal 6 mg/m³ (MAC-value)- must not be exceeded.

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

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.

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