

# deko'GLASS

High thickness  
transparent UV resistant

deko'GLASS is a solvent-free formulation, ideal for transparent and colored self-leveling castings for decorative surfaces with high aesthetic results with thicknesses up to 100 mm.



ARKdeko'  
ARCHITECTURAL & DECORATIVE SURFACES

## CLUB RESIN

deko'GLASS is a non-toxic formulation, consisting of solvent-free epoxy resins and a very high quality hardener and resistance to yellowing. The low exothermic formulation makes deko'GLASS ideal for transparent self-leveling castings and decorative pigments with thicknesses up to 100 mm.

The particular composition and purity of the resins, the perfect quantity of anti-foaming and anti-bubble additives, allow easy casting of water and the creation of resin furnishings and coatings of high quality, resistance and aesthetics, prolonged over time.



VOC (Directive 2004/42/EC)

High-performance two-component paints.

VOC expressed in g/liter of ready to use product:

Maximum limit: 500,00 VOC of product: 132,00

Catalysed with 42,00% deko'GLASS comp.B

Physical state	Liquid
Binder	Epoxy
Specific weight	at 20°C 1,07 ± 0,05 g/cm <sup>3</sup>
Viscosity Brookfield at 20°C	ASTM D 2196 500 ± 100 cPs
Employment relationship	A:B = 100:42
Residuo secco	100%
Useful life	6 hours at 20°C
Application temperature	+10° ÷ +40°
Theoretical yield	1kg/m <sup>2</sup> /mm
Dry	Dry to the touch 36 hours
Dry at +20°C and 65% U.R.	completely hardened 7days
	-20° > +70° C
Operating temperature	
Compressive strenght	DIN 53454 72 MPa
Flexural strenght	DIN 53452 56 MPa
Tensile strenght	DIN 53455 36 MPa
Resiliency	DIN 53453 9 Nmm/mm <sup>2</sup>
Elastic module	UNI EN ISO 178 1500 MPa

## METHOD OF USE

The preparation of the substrates is fundamental for casting of maximum purity. The containers must be properly sealed and coated with release agent suitable for epoxy resin (based on PVC or silicone).

For combinations with woods, they must be dry (inf. 2% U.R.) consolidated and well impregnated with dekoKRISTAL K300, subsequently sanded.

deko'GLASS pure used is a product of excellent transparency, it can be pigmented with dekoCOLOR coloring pastes or with powder and metallic pigments.

Pour the component B (hardener) into component A and mix thoroughly with a professional mixer at low speed until complete emulsification. It is advisable to carry out decanting of the product several times, recovering the material on the bottom and on the walls of the containers.

Apply the product by pouring, helping the self-leveler with a trowel, taking care accurately distribute the desired quantity. On the still fresh, freshly laid coating, it is possible to deaerate in an autoclave or manually with a hairdryer and flame systems, keeping a safe distance, avoiding overheating without generating fumes.

Where surface imperfections due to environmental influence occur, it is possible to treat the surface with high-speed sanding and polishing.

## TOOL STORAGE AND CLEANING

deko'GLASS can be kept in the original sealed containers for 12 months. Keep in a covered and dry place, at the temperature of +5/+35°. It is possible to wash the tools with thinners, alcohol, acetone.

## PACKS

deko'GLASS is supplied pre-dosed in packs of 1 e 5 kg.

## SAFETY

deko'GLASS is a professional quality product. It is not harmful or toxic to humans and respects the health of applicators and people in the workplace.

We refer to the safety and transport warnings in compliance with regulation (EC) 1907/2006 and the relative safety data sheets, prepared in accordance with the provisions of Directives 67/548/CEE and 1999/45/EC. We also invite the operator to follow the provisions of Legislative Decree April 9, 2008, n.81 on the protection of health and safety in the workplace.