680 Gencoat 3D Decorative Clear Resin

Gencoat 3D Dekoratif Şeffaf Reçine

PRODUCT DESCRIPTION

Solvent-free, two-component, ultra-transparent decorative epoxy casting resin.

AREAS OF USE

3D floors, epoxy tables, river tables, decorative objects and jewellery.

TECHNICAL PROPERTIES

Components	Two-component (2K)
Colour	Transparent
Gloss	Crystal gloss
Density (20 °C)	1.10 ± 0.05 kg/L
Volume solids	~100%
Mixing ratio	10 : 6 by weight (A : B)
Pot life	40–60 minutes (20 °C)
Theoretical coverage	1.1 kg/m² per 1 mm thickness
Application method	Casting; spread with spatula, remove air bubbles with a heat gun
Thinning	Do not thin
Number of coats	Max. 5 mm per pour
Equipment cleaning	016 Gen Epoxy Thinner

DRYING TIMES

Touch dry	12–18 hours
Overcoat	min. 18 hours
Full cure	7 days

Values apply at 23 °C ambient temperature and 50% relative humidity; low temperatures and high humidity extend the times.

SURFACE PREPARATION

Moulds and surfaces must be clean, dry and dust-free. Seal porous wood with a thin resin coat first.

APPLICATION CONDITIONS

Ambient and surface temperature +10 °C to +30 °C; relative humidity max. 80%. Surface temperature must be at least 3 °C above the dew point. Low temperatures retard drying and curing.

PACKAGING

2 kg kit (1.250 kg A + 0.750 kg B) · 16 kg kit (10 kg A + 6 kg B)

STORAGE AND SHELF LIFE

Store in tightly closed original packaging at +5 °C to +35 °C in a well-ventilated, cool and dry place, away from heat and sources of ignition. In unopened original packaging, from the date of manufacture: 12 months.

HEALTH AND SAFETY

Before use, read the product Safety Data Sheet (SDS) and the hazard and precautionary statements on the label. Ensure adequate ventilation during application; wear suitable protective gloves, goggles and, where necessary, a mask. Keep out of reach of children. Do not empty product residues or containers into drains; dispose of them in accordance with local regulations.

The information in this technical data sheet is based on laboratory tests and practical experience. As application conditions, substrates and equipment are beyond our control, the user must verify the suitability of the product for the intended application. GENAŞ Gen Boya San. ve Tic. A.Ş. is responsible only for the quality of the product and cannot be held liable for uses other than those recommended. This sheet remains valid until superseded; we reserve the right to change product specifications in line with technological developments.