

Fairpoxy Deep Casting System

Product description

Fairpoxy Deep Casting System is a bio based water white, low viscosity epoxy resin, specifically designed for the production of decorative river tables, casting of dried flower arrangements, and other large(r) objects. Casting is recommended in layers between 1-5 cm depending on the volume used (see specific characteristics).

Fairpoxy Deep Casting System can be pigmented using suitable epoxy based pigment pastes, powder pigments or recommended inks. After curing the system shows high transparency and better resistance to discoloration on ageing than conventional epoxy resin systems.

For clear castings and/or exposure to sunlight it is recommended to add UV blocker for long term protection. Your supplier can assist in selecting the appropriate product.

Product characteristics		Resin	Hardener
Viscosity @25°C		420 – 960 mPa.s	100 mPa.s
Color		Transparent	Water White
Mixing ratio	weight	100	45
	volume	100	50
Mixed			
Viscosity @25°C		300 – 400 mPa.s	
Color		Transparent	

System characteristics

Reactivity (h)	:17
Gel time @20°C	:90 minutes
Tg °C	:39

Specific characteristics

Maximum advised layer thickness using 350 x 300 mm mold

	Temperature	Thickness (mm)
Lowest temperature	15°C	80
	20°C	45
	23°C	35-40
	26°C	30

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Special care

Resin may solidify on prolonged storage and due to temperature changes. It is advised to put the can or bottle in warm or hot (tap) water until liquified and transparent. Do not use if solidified to avoid a milky white result.

Packaging

Available in sets of 1.45 kg/2.9 kg/14.5 kg.

Storage and handling

The product should be stored in a dark, dry place. At room temperature or lower.

Shelf-life: beyond 2 years, in original sealed containers.

More information about safe handling of this product can be found in the safety data sheet.

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