



I-CREATION

FAST EPOXY RESIN

DESCRIPTION

"I-CREATION" Highly Reactive Transparent Epoxy Resin / 1,5 KG [3,30 LB] – Water-Clear – Two-component epoxy system (composed of 1 kg [2,20 lb] of resin and 500 gr [1,10 lb] of hardener)

with high transparency and excellent UV stability for film application (1 mm [0,03"] and castings up to 10 mm [0,39"] thickness. In addition to the high transparency (water-clear) and the self-levelling properties, it guarantees an excellent mechanical seal for long-lasting items. The product features a low viscosity that reduces the appearance of unaesthetic air bubbles after hardening. The excellent resistance to ambient humidity guarantees a glossy and transparent surface.

The product is compatible with the major colouring pastes on the market. Application ratio by weight 100:50.

Main features:

Mix ratio 100: 66

Components	Epoxy Resin	Hardener	MIX
Conditions	Liquid	Liquid	Liquid
Colour Garder	1	1	1

Viscosity	mPas 800-700	300-200	500
Working time (125 g 25°)			15 min
Gel time (125 g 25°)			2 h
Cured			24 h
Demoulding (25C)			2h

RECCOMENDATIONS

Please find some technical tips to fully exploit the potential of epoxy product I-Creation:

□ Respect the mixing ratio A + B (100: 50 by weight) with an electric scale, following the simple formula:

grams of A x 0.50 = grams of B

Some examples:

100 g A x 0,50 = 50 g B

500 g A x 0,66 = 250 g B

Thanks to its special formulation, you can remove your models after 6h00'. The catalysis times are also sensitive to external factors, such as temperature. The higher the temperature, the faster the catalysis. Furthermore, the product can be removed from the silicone moulds after 8 hours, but reaches its maximum hardness (not deformable) after 24-48h.

As for all the other epoxy resins, using tempera or acrylic enamels in percentages higher than 1%, can damage the mechanical strength of the creation. Because of its high-speed catalysis, the product may heat up for a few minutes, even to high temperatures, when applied on surfaces of a thickness of 10 mm [0,39"] or more. Therefore, the casting should never be touched before 1-2 hours. If you require greater thicknesses, we recommend our Liquidissima product (up to 30 mm [1,18"]) or the Transparent Epoxy Resin Product (up to 20 mm [0,78"]). Working time is 10'-15' for quantities up to 30 gr [0,06 lb]. We recommend to mix for 2 minutes and then apply. Prepare max. 100 gr [0,22 lb]

of product at a time to prevent the resin from pre-catalysing before application.
Application ratio by weight 100:50.

TECHNICAL CHARACTERISTICS	
Colour	Transparent
Hardness	Shore D 80 EN ISO 868