

PolyKar[®] TERMOTMEL ALU

Polyester putty, category : Special putties

DESCRIPTION	TERMOTMEL ALU is a two-component polyester putty with curing temperature resistance up to 220 °C, designed mainly for surface treatment before powder coating. It has excellent adhesion to all common surfaces, particularly metals. The putty can be applied on the materials that resist baking temperatures, powder coatings, i. e. generally 180-220 ° C.
ENVIRONMENT	The putty must not be used for filling places which are in direct contact with food and drinking water.
APPLICATION	Bonded surface must be without rust and old coatings. There is an exception for scratches and similar defects on surface of cured powder coatings. It is necessary to degrease the surface carefully. It is best to apply the putty on clean or sandblasted metal.
HARDENING	The putty is hardened with hardener (PE-initiator, dibenzoyl peroxide, red paste in tube) in weight ratio: - 100 parts of putty : 2 parts of hardener – recommended ratio for temperature 20°C
POT LIFE	The putty is necessary to be used within 6 minutes after mixing with hardener at temperature 20°C and hardening ratio 100:2. Pot life can be extended at temperatures lower than 20°C (minimally 17°C) and shortened at higher temperatures.
SANDING	The putty is sandable after 6 minutes at temperature 20°C and hardening ratio 100:2. Dry sanding starts with sanding paper P80 and finishes with sanding paper P120 – P150. Wet sanding starts with sanding paper P120 and finishes with sanding paper P180 – P220.
UPPER COATINGS	Hardened putty should be sanded and after removal of all impurities powder coatings can be applied. Powder paint can be applied for 4-5 hours after application at 23 ° C, at a lower temperature, this period is extended, at the higher temperature shortens. For best results it is advisable hardened putty to expose higher temperature (60-100°C) for several minutes and after cooling and grinding the surface a layer of powder paint can be applied.
TOOLS CLEANING	Dirty parts of tools for filling can be cleaned with thinner for polyester sealers B6000 or nitrothinner C6000. Only non-hardened putty can be cleaned.
STORAGE AND PACKAGING	It is necessary to ensure the temperature from +5°C to + 25°C and avoid direct solar radiation during storage and transport. Dash of the resin on the surface of putty is acceptable. We guarantee the shelf life and quality of the product for 12 months. Packaging: - 0,5 kg; 2 kg - 3 kg – a can for batching plant
COLOUR	Metallic