

TECHNICAL DATA SHEET



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PRODUCT

SIDERPLAST ALUMINIUM PASTE (C4111)

FEATURES

2K putty SIDERPLAST ALUMINIUM PASTE is composed by unsaturated polyester resins and aluminium paste; it is an extremely strong and resistant product which is also easy to spread and to sand.

It is mainly used on aluminum bodywork and for the reconstruction of missing parts of the bodywork. Thanks to its innovative formula it is suitable for fretwork and threading and can be successfully used as a substitute of some weldings.

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|-----------------|----------------|------------------|
| Specific weight | 1460 ± 20 g/ml | (MI 001) |
| V.O.C. | 41 ± 2 g/l | (ASTM 2369) |
| Viscosity | 3000 ± 300 Pas | (MI 002B; 25 °C) |
| Thickness | 2200 ± 200 Pas | (MI 002B; 25 °C) |
| Color | Aluminium | |

STORAGE

Keep the container well closed and stored in a cool (temperature below 25°C) and ventilated environment for a maximum period of 12 months from the date of production marked on the tin. Avoid direct sun exposure.

SAFETY RULES

Keep the place ventilated while applying the product and when it dries. It is recommended the use of personal protective equipment during application. Read carefully the safety data sheet before application.

APPLICATION


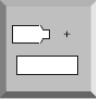

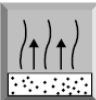
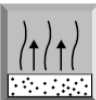

- Make sure that the surfaces to be treated are completely dry and clean; in case of application on bare sheet, sand it with sandpaper grit P 80 e P 150;
- With clean tools, get from the tin the putty you need and add from 1 to 3 gr. of hardener every 100 gr. of product;
- Mix this quantity up merging properly both compounds;
- Apply the putty on the surface to be treated, bearing in mind that the product can be sanded dry (grain P 80 – P 120) after about 30-40 minutes; hardening times can be affected by the air temperature: they shorten with more than 25 C° degrees and become longer in case of lower temperatures;
- Do not store the unused cured putty in order to avoid that the whole content of the tin gets spoiled;
- Seal the tin after use to avoid that the product gets hard by contact with the air.

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|  | Application | Putty knife | |
|  | Hardener | Hardener paste (DBP) 1 - 3 % | |
|  | Gel time | 6 - 8 min | (MI 003; 25 °C) |
|  | Dry to touch | 10 - 30 min | (MI 012; 25 °C) |
|  | Full dry | < 1 h | (MI 012; 25 °C) |
|  | Sanding | 30 - 40 min | (MI 012; 25 °C) |

ADDITIONAL INFORMATION

DRYING (MI 012; 1 - 3 % of benzoyl peroxide)

| TEMPERATURE (°C) | GEL TIME | DRY TO TOUCH | COMPLETE DRYING |
|------------------|-----------|--------------|-----------------|
| 25 | 6 - 8 min | 10 - 30 min | < 1 h |
| 40 | < 5 min | < 10 min | < 20 min |

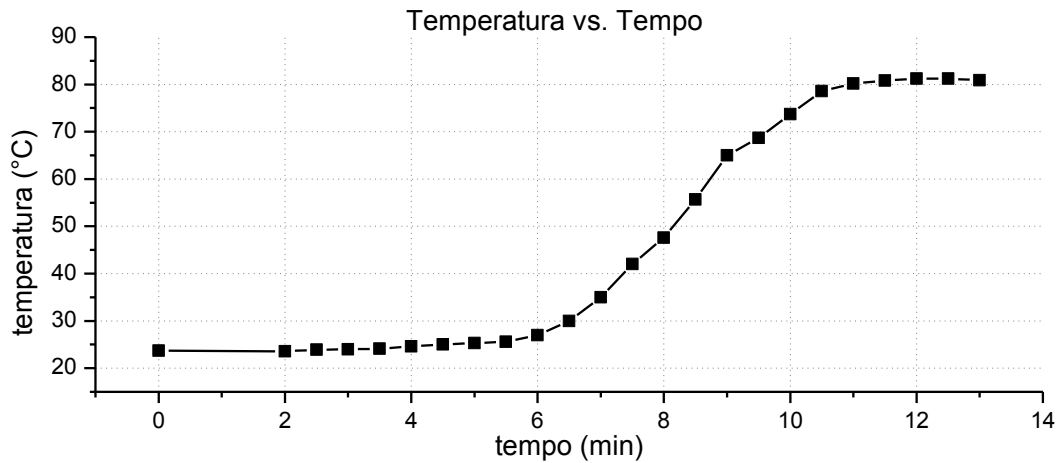
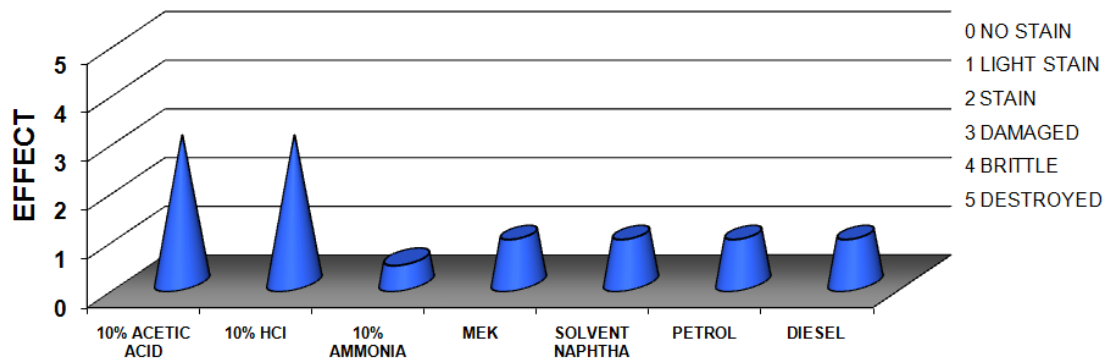
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CHEMICAL RESISTANCE (MI 004)



Catalysis (MI 003) has been performed with 2% of benzoyl peroxide