


Technical data sheet

TERMO

Epoxy putty

PROPERTIES			
The Termo putty is a two-component epoxy putty intended for repairs of small defects and irregularities on metallic surfaces, as well as irregularities of metallic surfaces before application of powder coatings. It is distinguished from other epoxy putties by its short curing time and high mechanical resistance. It has excellent adhesion to metallic surfaces and high thermal resistance. The product can be cured at ambient temperature or in ovens.			
SUBSTRATES			
Metallic surfaces		Remove all mechanical contaminants, e.g. dust etc. from the metal surface and thoroughly degrease. Sand with P80 – P120 abrasive papers, degrease again. Abrasive wet blasting also ensures very good adhesion.	
MIXING RATIO			
	PUTTY HARDENER	Weight ratio	
		4 g 1 g	
APPLICATION LIFE FROM MIXING WITH THE HARDENER			
30 to 60 min at 20°C.			
DRYING TIME			
20°C	60°C	120°C	160°C
2 - 3 days	80 - 120 min	40 - 50 min	20 - 30 min
SANDING			
rough		finish	
P80 – P120		P240 – P600	
CAUTION: the quality of putty surface finish directly affects the appearance of powder coating.			
COATABILITY			

All types of powder coatings, i.e. polyester, polyester-epoxy and pure epoxy. The best results are achieved by using the TERMO putty under polyester or polyester-epoxy powder coatings.

NOTES

If prolonged heating in the oven results in shrinkage, sand down the top putty layer and reapply to level out.



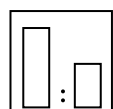
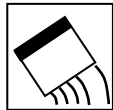


If surface irregularities persist after application and sanding (e.g. as caused by sealing of air bubbles or application flaws), sand down the old layer and apply another layer of the putty.

It is best to heat the putty at the temperature you will heat the powder coating at. This especially applies to epoxy powder coatings where before use the putty shall be heated for approx. 10-15 min at approx. 180°C to avoid gassing of the paint coating surface.

APPLICATION CONDITIONS

The minimum application temperature is +10°C

APPLICATION

	Clean and sand the surface			
	Degrease the surface with PLUS 780			
	Observe the required amount of hardener. Mix the components thoroughly until a uniform colour is obtained. Weight quantity of components: Add 40 g of the TERMO epoxy putty to 10 g of the TERMO epoxy putty hardener. Binding time: 30 to 60 minutes at 20°C			
	Apply a layer of 2 mm max with a putty knife.			
	20°C	60°C	120°C	160°C
	2 - 3 days	80 - 120 min	40 - 50 min	20 - 30 min
	rough		finish	
	P80-P120		P240-P600	
COLOUR				
TERMO – Epoxy putty			Dark grey	

TERMO – Epoxy putty hardener	Grey
EQUIPMENT CLEANING	
NC solvent	
STORAGE CONDITIONS	
Store in a cool dry room, away from sources of fire and heat. Avoid direct exposure to sunlight.	
SHELF LIFE	
TERMO – Epoxy putty	24 months/20°C
TERMO – Epoxy putty hardener	18 months/20°C
SAFETY	
See Safety Data Sheet.	
NOTES	
Intended for professional use only.	
OTHER INFORMATION	
The effectiveness of our systems results from laboratory research and many years of experience. The data contained herein meets the current knowledge about our products and their application potential. We ensure high quality, provided the user follows the instructions and the work is performed in accordance with good workmanship. It is necessary to do a test application of the product due to its potentially different reaction with different materials. We may not be held liable for defects if the final result was affected by factors beyond our control.	