

TECHNICAL DATA SHEET

Date of issue: 30/04/2021

Last updating: n°



Name:	LIGHT POLYESTER PUTTY, WHITE	Category:	Putty (B/b)
Definition:	Polyester putty	V.O.C. limit:	250 g/l
Code:	34.4.90130	V.O.C. ready to use:	Under 250 g/l
Product according to 2004/42/CE			

NATURE OF THE PRODUCT

Spatula putty with low specific weight, based on polyester resin and selected mineral fillers, to be hardened at the time of use. It has an excellent spreadability and sandability. It can be applied directly on most surfaces without the need for a primer.

GENERAL USES

Product with good adhesion on iron, steel, cast iron, aluminum, galvanized iron and fibreglass (sanded and free of release agents). Due to its characteristics it is a putty particularly suitable for preparation cycles in the bodywork sector.

The product allows irradiation with IR lamps and can reach a temperature of 90° C.

Easy to sand and soft to apply.

APPLICATION METHOD

PREPARATION OF SURFACES

The surface must be perfectly clean, free from oil, grease, humidity, rust and residues of abrasive pastes or silicones. If possible, to improve adhesion it is advisable to prepare smooth surfaces with coarse-grained abrasives (P50-60).

Degreasing with anti-silicone thinner is recommended.

Unsuitable surfaces: wash primer, epoxy primers hardened with phenolic hardeners, thermoplastic paints, thermosetting acrylic enamels and in general all solvent-sensitive substrates.

PREPARATION OF THE PRODUCT

	code	name	+5° to +10° C	+10° to 20°C	> +20°C
Component A	34.4.90130	Light Polyester putty, white	100 parts	100 parts	100 parts
Component B		Hardener	3 parts	2 parts	1 part

Gel time: from 4 to 7 minutes at 18-20°C, using 2% of hardener. It could vary depending on the hardener quantity, the temperature and the relative humidity. Mix well the two components and do not exceed with the hardener.

APPLICATION

By spatula also in one or more successive applications depending on to the desired thickness (waiting 6-7 minutes from an application to another). The achievable thickness varies from 200 to 900 microns. After 20-30 minutes at 18-20 °C the surface can be sanded, preferably dry, using for roughing abrasive paper grit P80 or P120, finishing with P120-240 grit abrasive paper. For very fine works, roughing with abrasive paper grit P120-180, finishing with P180-240 paper.

TECHNICAL DATA

PRODUCT TYPE: Two pack product based on unsaturated polyester resins.

FILM APPEARANCE (ASTM D 523): Matt

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COLOURS:	White
SPECIFIC WEIGHT (iso 2811):	1,25 ± 0,05 kg/l
SOLIDS CONTENT:	82 ± 2%
DRYING AT 20°C	- Touch dry: 4-7 minutes - Time between one coat to another: 6-7 minutes - Sanding: After 20-30 minutes - Maximum chemical resistance: After 7 days
RECOMMENDED COATS:	One or more coats according to needs
THICKNESS ¹:	From 200 to 900 µm
FLEXIBILITY :	Good
POT-LIFE AT 20°C :	4-7 minutes
SOLVENTS RESISTANCE :	Medium-low
WATER RESISTANCE :	Excellent
OVERCOATING :	After 20-30 minutes after standing
STORAGE STABILITY:	One year in closed packs, in a cool, dry place, away from any sources of heat.

¹ Considering a dry film.