

TECHNICAL DATA SHEET

LIGHTWEIGHT POLYESTER PUTTY

PRODUCT DESCRIPTION

Two pack body lightweight filler based on polyester resin for industrial use, fills the pores and repairs surface irregularities while protecting ferrous surfaces against corrosion. It provides the perfect foundation for all Laser Paints systems combining easy application with easy sanding.

PRODUCT BENEFITS

- 1- Ease of application
- 2- Improved workability
- 3- Excellent adhesion on all metallic surfaces
- 4- Shrink & crack resistant
- 5- Good filling properties
- 6- Quick curing
- 7- Excellent sandability

RECOMMENDED USES

The two-pack lightweight polyester putty can be applied over variety of substrates such as bare metal, galvanized original car panels, aluminum, glass fiber reinforced plastic (GRP), and properly sanded and prepared old finishes in sound conditions. It is specially designed to fill deep dents and holes up to 6 cm in diameter. It gives a flexible and resistant surface.

SURFACE PREPARATION

Prior to applying Laser Paints' PE putty, the surface should be clean and degreased. For degreasing and cleaning of sanding dust it is recommended to use Laser Paints' Degreaser.

PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Physical State	Viscous Paste
Color	Grey/Yellow/Beige
Specific Gravity, ISO 2811	1.3 ± 0.1 g/cm ³
Viscosity, ISO 2884	260 - 280 poises
Mixing ratio by weight (LW PE Putty : Hardener)	100 : 1-3
Drying Time, ASTM D5894	20 - 30 min.
Recoat Time	30 min - 1 hour.
Pot Life	10 min.

MIXING/APPLYING

Mixing: Mix the putty with its appropriate hardener. Stir carefully to avoid air bubbles.

Note: The drying time and pot life of a PE putty mixed with the putty hardener will considerably depend on temperature and the amount of the hardener used.

At lower temperature add 2-3% of the hardener, at higher temperature add 1%.

Application: Apply by a metal knife. (For edges or curve surfaces use a plastic knife).

For deep filling apply in several layers allowing drying between the layers

(No sanding in-between is required).

Sanding: Dry sanding: 80-120 sanding paper and finish with 180. When dry and sanded, the putty can be recoated with primers/fillers. Clean tools and equipment with solvent immediately after use.

PACKING

In cylindrical tin containers of capacities between 1 and 7 kilos upon request.

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.