

TECHNICAL DATA SHEET

POLYESTER PUTTY

NOBEL PE 4300 ELASTIC BODY FILLER

Product Description

PE 4300 is a polyester-based elastic putty especially designed for application over plastics. It adheres excellently to plastics and has excellent flexibility and resistance to wrapping. It can be applied over any kind of plastics except polyethylene (PE) and may be used under any noble filler. Its gray anthracite color is similar to the original color of plastic car parts.



product features

- High filling capacity.
- Easy sanding.
- Quick drying.
- Excellent adhesion

Substrates

NOBEL PE 4300 Elastic PE Putty can be applied over a variety of plastic substrates except polyethylene (PE). Before applying pe 4300, the surface should be clean and degreased.







Available in colors (red – yellow – gray).

Available in two sizes: 3 kilograms and 2 kilograms.

NOTES

- 1- Mix carefully PE Putty with the hardener to avoid forming air bubbles in the mixture
- 2- Add 1-3% of PE Putty hardener. Do NOT add less or more of the hardener than recommended The use of too much (more than 3%) or too little (less than 1%) of the hardener can cause a problem of bleaching/staining.
- 3- Do NOT apply paints (2K topcoats, basecoats, etc.) directly over 2K PE putties
- 4- Do NOT sandwich PE putty between two layers of topcoats.
- 5- Wet sanding of PE putties is NOT recommended.
- 6- In colder conditions, the warming (infrared or oven) of panels can assist in curing before applying of 2KPE putties.
- 7- After applying PE putties clean all used tools with strong solvents immediately (e.g.NC thinners).

APPLICATION

	Mixing ratio by weight: 100:1-3	100% NOBEL 4300 PE Putty 1-3% NOBEL 4300 PE Putty Hardener
<p>Pot life (working time) of the mixture is 4-5 minutes at 20°C.</p>		
	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).	
	Drying time at 20°C: Dry to sand: 20-30 min	
<p>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.</p>		
<p>"At lower temperature add 2-3 % of the hardener, at higher temperature add 1%."</p>		
	Machine dry sanding: The following grades of sanding papers and steps are recommended: P80-P120 and finish with P180	
	Manual dry sanding: The following grades of sanding papers and steps are recommended: P80-P120 and finish with P180	
	IR Drying: Short wave*: 5-8 min *Guideline for short wave IR equipment. Refer to the IR equipment manufacturer's instruction for sets-up.	

Health and Safety

1. For full Health and Safety information please refer to Material Safety Data Sheet (MSDS).
 2. Observe the precautionary notices displayed on the container.
 3. Goggles and suitable protective equipment must be worn while using these products.
- Good ventilation must be provided in the working