

SPECTRAL PLAST - putty for plastics**Characteristics:**

SPECTRAL PLAST putty for plastics. It has very high flexibility and excellent adhesion to most plastics (except for polyethylene and teflon). Satisfactory adhesion to polypropylene allows application of the product on non-primed substrates.

Substrates:

- plastics with the exception of PE and PTFE
- steel,
- galvanized steel,
- aluminium,
- 2 component acrylic primers,
- old paint coatings.

Notice: Do not apply directly on Adhesive Increasing Agent, wash primers, 1 component acrylic and NC products.

Substrates preparation:

- plastics: degrease, matt using abrasive needled cloth Fine Very Fine or Ultra Fine and degrease again using silicone remover Spectral EXTRA 785,
- steel surfaces: degrease, sand dry P80 - P120 and degrease again,
- aluminium surfaces: degrease, matt using abrasive needled cloth Fine or Very Fine and degrease again,
- galvanized steel: degrease, matt using abrasive needled cloth Fine or Very Fine and degrease again,
- primer: degrease, sand dry P220 - P280 and degrease,
- old coatings: degrease, sand dry P220 - P280 and degrease.

Mixing ratio:

Spectral PLAST – 100 ppw,
Hardener - 2 to 3 ppw.

Potlife:

5 ÷ 8 min 20°C at a temperature of 20 °C

Time of hardening:

30 ÷ 45 min at a temperature of 20 °C

Heating up to 60°C in a 10 min period can shorten this time.

Sanding:

- rough sand dry P120 - P180,
- finish sand dry P180 - P240.

Coverable by:

Polyester SPRAY filler, acryl fillers. In case of applying on plastics, following layers should be used with elasticity increasing agent Spectral PLAST 775.

Procedure:

Mix well to get uniform colour. Keep required quantities of hardener, it is advisable to use putty feeder in order to obtain right mixing ratio. Apply with a putty-knife a layer that does not exceed 3 mm. Should not be applied at a temperature below +10°C. The putty has a very good adhesion to most of plastics (polyester laminates, polyamide, styrene copolymer and others). Only when applying on polypropylene in layers exceeding 1 mm of thickness it is advisable to put two additional layers before Spectral PLAST:

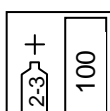
- adhesion increasing agent Spectral PLAST 705,
- Acryl Filler Spectral UNDER 355 or Spectral UNDER 335 with elasticity increasing agent Spectral PLAST 775.



Clean and sand
substrate using
abrasive needled cloth



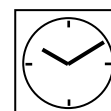
Degrease
with Silicone
Remover



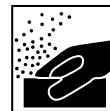
Potlife
5 - 8 min/20°C



Apply



30-45 min/20°C



1.P120-P180
2.P180-P240

Colour:

Dark-grey.

Contents of volatile organic compounds:

VOC=90 g/L (ready to apply mixture)

Tools cleaning:

NC solvent.

Storage time and condition:

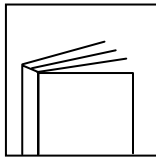
Store in a dry, cool place, away from sources of fire and heat. Direct sunlight should be avoided.

Putty: 24 months at a temperature of 20°C.

Hardener: 18 months at a temperature of 20°C.

Industrial safety:

See Safety Data Sheet of this article.



Technical Data Sheet - Plastics repair system.