TECHNICAL INFORMATION

Date of preparation:
03.03.2025

Date of update:
03.03.2025
Website1
from 3

Product name: UV-cured putty APP UV Putty. APP No.: 010480.

Single-component UV lamp-cured filler. Designed for small and medium repairs. Excellent adhesion to steel, galvanised steel, aluminium and plastics. Easy to use. Significantly reduces drying and repair time. Ready to use.

Packaging.	200 g.
Product and additives.	APP UV Putty.

Basic ingredients. APP UV Putty - unsaturated polyester resin and additives.

Colour.	Beige.

Application

It is intended for small and medium repairs, e.g. SPOT/SMART.
It is an easy-to-apply and sandable filler.

Substrate
Suitable substrates.

Steel, galvanised sheet steel, aluminium and its alloys, polyester laminates and plastics.
To increase corrosion resistance, areas sanded down to bare metal should be primed with a two-component epoxy primer APP Grund EP. Note
Do not apply directly to: reactive primers
and acid-curing, single-component products and thermoplastic lacquers (T.P.A.).

Preparation
of the substrate.

Steel:
- degrease and dry sand with sandpaper P80-P150.

Galvanised steel sheet, aluminium:
- degrease and dry sand with abrasive cloth or sandpaper P120-P180.

Existing finishes:
- Sand down to bare metal or to achieve the desired surface finish with P80-P150 sandpaper, then smooth out the transitions to the old coating with P150-P220 sandpaper.

APP Sp. z o.o. 62-300 Września ul. Przemysłowa 10, tel.+ 48 61 437 00 00.

TECHNICAL INFORMATION

Date of preparation: 03.03.2025		Date of update: 03.03.2025
	APP AUTO-PLAST PRODUKT	Website2 from 3

Product name: UV-cured putty APP UV Putty. APP No.: 010480.

Before applying the filler, clean the surface to be treated of dust and degrease with APP W900, APP W911 or APP WB910.
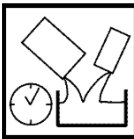
Application
Application.

Apply with a putty knife.
The maximum thickness of a single layer is 1000 μm.
For greater thicknesses, apply several thin layers of approx. 500 µm without sanding and cure each layer individually with a UV lamp.
Recommended working temperature: +15°C to
+25°C. Do not use the product at temperatures below
+5°C.

Suitability for use (shelf life).

Unlimited shelf life.
The filler hardens only when exposed to sunlight or a UV lamp.

Drying.

Drying time	UV lamp radiation power
1 minute	> 200 **mW/cm²**
2 minutes	121-200 **mW/cm²**
3 minutes	31-120 **mW/cm²**
4 minutes	12-30 **mW/cm²**

Distance between the lamp and the surface to be cured:
- 10 to 20 cm
        Data for a UV LED curing lamp with a
            dominant wavelength of 395 nm.

Note
If the lamp is too close to the surface (<10 cm) for a long time, this may cause curing problems. Exceeding the maximum recommended thickness may prevent deep curing. For large thicknesses, start curing by moving the lamp more than 20 cm away and gradually move it closer to 10 cm.

Product name: UV-cured putty APP UV Putty. APP No.: 010480.

Sanding.

After complete hardening, dry sand:
- preliminarily with P120-P150 sandpaper
- finish with P180-P240 sandpaper.

Coverage.

APP Vesta	APP UV Primer
APP Ultra	APP AcrylFiller Multi Sanding
APP Supra	APP AcrylFiller 401
APP Quartz	APP AcrylFiller 501
APP 1K S	APP AcrylFiller Rapid
APP SN05	APP AcrylFiller Compact
	APP Grund EP
	APP Primer Filler
	APP Haftgrund
	APP 2K Haftgrund

Equipment cleaning.

Clean immediately after use with a nitrocellulose solvent. Storage
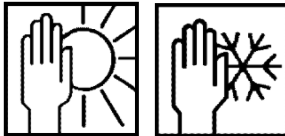
Store in closed original containers
at a temperature between +5°C and +30°C in a dry and well-ventilated room. Protect from freezing.

Health and safety

For professional use only.
See: text on product labels or in the product safety data sheet.
The user must comply with the health and safety regulations applicable in the country of use.

Eye protection must be worn during drying/curing with a UV lamp.
Avoid contact of UV rays with the skin.

VOC

Permissible VOC value g/l in the ready-to-use product.
250 g/l for APP UV Putty.
Maximum VOC content g/l in the ready-to-use product.
97 g/l for APP UV Putty.