

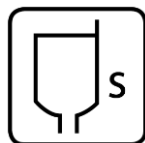
Data sheet

UV794.7000

FILLED 1K UV GRAY ACRYLIC FILLER PRIMER



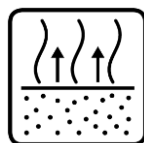
Mix well before use
Before use



14" - 16" ASTM 4
at 20 °C
Ready to use



Ø 1.1 – 1.3 mm
Airbrush 2-3 bar
HVLP gravity 0.7 Bar
N° of coats: ½ + 1



Complete Flash
5' – 10' at 20 °C



UV - A (LED):
> 20mW/cm²



Always close
cans after use.
Store away
from sunlight.

NATURE AND PRODUCT FEATURES:

Semi-matte gray 1K UV filler primer characterized by excellent adhesion on metals and plastics.
Excellent UV curing speed even with UV-A (LED) lamps.
Excellent sandability and corrosion resistance.

FIELD OF APPLICATION:

Suitable for application on steel, aluminum, galvanized and plastics.
Metal, previously degreased, sanded and cleaned
If necessary, on particular plastics or metals, apply suitable primer beforehand.

- Steel** : sanding with P120 grit.
- Aluminum** : sanding with P150 or P180 grit.
- Galvanized steel:** : sanding with P240 grit.
- Old paintwork not sensitive to solvents** : sanding with P240 grit.

However, it is recommended that prior testing be carried out to assess its actual suitability for the material to be painted.

PREPARATION OF THE PRODUCT:

Mix well before use; the product is ready to use.
Supply viscosity approx. 15" cup ASTM4 at 20 °C
The product is semi-covering and should **NOT** be applied to full coverage.

Do not exceed 120 µm wet on metal and 70 µm wet on plastic.
Always achieve the desired thickness with blurred application.
Higher thicknesses will necessarily have to be matched by longer flash off time, both between coats during application and before UV curing.

ALL THE SOLVENT PHASE MUST NECESSARILY BE EVAPORATED BEFORE UV CROSSLINKING.

For flash off in environments with temperature below 18 °C, it is recommended to use a heat gun at 40/60 °C or IR lamps for a few minutes before UV curing.

PRODUCT SPECIFICATIONS:

TYPE OF PRODUCT	: UV single-component
APPEARANCE OF THE FILM	: Semi-matte
COLORS	: Gray
SPECIFIC WEIGHT	: About 1,15 Kg/l (± 0,05)
SUPPLY VISCOSITY	: 14" - 15" ASTM 4 at 20 °C
DRY RESIDUE (A)	: 70% - 72%
UV CURING	: Irradiance > 25 mW/cm ² (*)
UV - A (LED): 365 – 405 nm	: UV dose > 1000 mJ/cm ² (*)
RECOMMENDED THICKNESS	: 60 - 120 µm wet
MECHANICAL SANDING	: dry P400 - P500
MANUAL SANDING	: wet P800

(*) Tesla Cure at 10cm for 100 sec, referring to an average surface of size 30 cm x 30 cm; Measurement made with MICROCURE EIT (UV-A).

Increase the irradiation time in proportion to the size of the painted area.

The irradiation time required to achieve complete and proper curing depends on the surface to be covered, the thickness applied, the distance of the lamp, and the characteristics of the lamp such as *power and emission spectrum*.

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

In unopened and sealed packages, kept at a temperature of +5 to +30 °C, storage stability 6 months.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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