

TECHNICAL DATASHEET

Acrylic Primer 2K (fondo)

PRODUCT DESCRIPTION

A two pack based body filler, for industrial use. It provides exceptional build and good holdout as well as superb adhesion properties and excellent corrosion protection, enabling it to be applied directly on bare steel, galvanized steel and aluminum.

PRODUCT BENEFITS

- 1- Excellent adhesion on all metallic substrates
- 2- Outstanding corrosion protection
- 3- Excellent sandability
- 4- Good insulating properties
- 5- Very good hardness
- 6- Great mechanical resistance

RECOMMENDED USES

The two pack filler is used as an insulating primer on metallic surfaces to prevent corrosion and ensure excellent intercoat adhesion.

It is used as a primer prior to the application of basecoat or 2K system.



SURFACE PREPARATION

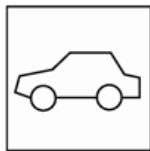
All surfaces should be clean, dry and free from loose and flaking material, curing compounds, dirt, oil and grease.

As a pre-treatment

- 1- Clean surface thoroughly with mild detergent and water.
- 2- To ensure good adhesion, Sand the area to be primed

Recommendations:

When using coarse grit paper, step your way up through No. 600 or No. 400 grit prior to priming to remove coarse scratches and avoid sand scratch.



GENERAL INFORMATION

Acrylic primer 2K must be mixed with its appropriate hardener before application:

Acrylic primer /Hardener Acrylic primer

Acrylic primer /Hardener Acrylic Primer Filler

Special Acrylic primer /Hardener special Acrylic primer



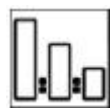
TECHNICAL CHARACTERISTICS

Color: Grey, White, Black, Red, yellow.

Density: 1.5- 1.7 g/cm³

Solids content: 70- 80% by volume

Spreading rate: Average spreading of one US quarter container is about 10-12 m²



Mixing Ratio: 4:1(base: catalyst)

Thinning: 10- 20% to reach adequate spraying viscosity.



Spraying Viscosity: 20- 25 sec ISO 4 cup @ 25⁰C



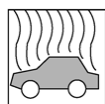
Pot life: 3-4 hours after mixing



Number of spray coats: 2 + 1 if needed

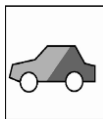
Film thickness: 60- 80 microns

Scratching test: Excellent

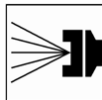


Drying time: @ 20⁰C 2-4 hours (air drying)

@ 60⁰C 30 min-1 hour (baking)



Recoating: 4 - 6 hours



HVLP gravity-feed spraygun	1.3- 1.5	0.7 bar at the nozzle
Compliance gravity-feed spraygun	1.3- 1.4	2.0- 2.5 bar



Cleanup: Clean spray equipment as soon as possible with Thinner

SAFETY AND HANDLING

For safety precautions, please refer to Material Safety Data sheet and wear personal protective equipment when using this product

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.