EPOXY PRIMER 2+1
SOLL EP
(S-EP 1)

Product information

DESCRIPTION

SOLL EP is two component epoxy primer with very good anti-corrosion coating durability, high protective and insulating properties. The coating adheres very well to various substrates, mechanically strong and flexible. Resistant to scratches, medium aggression chemicals (alkalis, salt solutions, petrol and diesel), atmospheric effects. It can be coated with topcoats as well as using wet on wet.

RECOMMENDED USE

- ✓ Active corrosion protection of cars, trucks and other vehicles.
- ✓ Good adhesion to steel, galvanized steel, aluminum, polyester laminate surfaces.
- ✓ Final automotive repairs.
- ✓ Ideal base to ensure high durability and excellent appearance of the lacquer coating.
- ✓ Wherever required high corrosion resistance.

TECHNICAL DATA

Density (approximately):	1,3 kg/dm^3
Pot life (20 °C):	5 h
Drying time at 20 °C:	12 h
Drying time at 60 °C:	60 min.
Theoretical consumption for the coating with 35 µm thickness:	0,07 dm^3/m^2
Solids content:	68 % by volume
VOC (cat. B(c)):	540 g/l
VOC max, depending on the solvent content:	420 – 510 g/l
Recommended number of layers:	1 – 2
Colour:	RAL 7037
Coat gloss:	Semi gloss

PREPARATION

Mixing ratio for epoxy primer SOLL EP with hardener SOLL EP:
By volume 2 : 1
By weight 100 : 30
Before use, clean the surface thoroughly: remove grease, rust, dust and other dirt.

APPLICATION METHODS

After careful mixing and addition of 10 – 15 % of a thinner, use with spray gun:

Spray pressure:	2 – 2,5 bar
Nozzle:	1,2 – 1,6 mm
Spraying operations:	1 - 2
Spraying viscosity at 20 °C:	20 – 22 s (DIN 4 mm)

The application „sandable“: apply 2 – 3 layers, solvent evaporation time after each application is 5 – 10 minutes after each layer. Evaporation time depends on temperature and layer thickness.
The application „wet-on-wet“: apply 2 wet layers, solvent evaporation time after each application is 10 – 15 minutes. Evaporation time depends on temperature and layer thickness.
It is necessary to sand the primer before coating, if another coat is applied after more than 12 hours. It is possible to dry primer at higher temperature 25 minutes later after applying the last coat (the time required to obtain proper leveling and preliminary evaporation of solvents)

SANDING:
Dry sanding P400 - P500
Wet sanding P800 - P1000

ADDITIONAL INFORMATION
Processing conditions: from + 5 °C and up to 85 % relative air humidity.

STORAGE AND SHELF LIFE
Shelf life: 12 months from the date of production, if stored in tightly closed original packaging from 5 to 35 °C.

SAFETY PRECAUTIONS
Please see our latest Safety data sheet for details.

TRANSPORT CLASSIFICATION
Please see our latest Safety data sheet for details.