

TECHNICAL DATA SHEET

R-epox primer

Air-drying, two component paint

Colours:	R-epox primer in all RAL colours
Field of application:	R-EPOX primers are suitable for the anticorrosion priming of steel and aluminium substrates, and to form abrasion resistant coatings on mineral and wood surfaces. When applied in 2 layers, it can also be used as a well sandable filler primer. It can be dried at room temperature or accelerated.
Appearance:	A component: homogenous suspension B component: brown liquid
Efflux time (DIN4, 20°C):	A component: 100s B component: 13s
Non volatile content:	A component: min. 65 m/m% B component: min. 35 m/m%
Mass mixing ratio:	A:B 7:1
Pot life (20°C):	8 hours
Shelf life:	6 months from production if stored between +5 and +25°C.

PROPERTIES AND APPLICATION INSTRUCTIONS (MIXTURE)

Substrates:	steel, aluminium, mineral substances, wood
Surface pre-treatment:	Substrates must be clean, dry and free from any contamination. All oil, dirt, grease, dust, foreign material and oxide layer must be removed prior to coating.
Processing:	Mix components „A” and „B” in the stated mixing ratio, and obtain the viscosity suitable for spraying by adding 10-20 % R-EPOX thinner as necessary. Keep the pot life in mind and do not prepare more mixture than will be used within about 8 hours. After a longer period of time the mixture becomes thick and unsuitable for application due to gel formation. Applied in 1 or 2 layers elastic, 50-

80 µm thick coatings can be formed. Two layers can be expediently applied by the „wet on wet” method, which is the first layer can be overcoated by spraying after a few minutes of siccation.

Drying and cure:

Coating reaches ready-to-touch drying stage at 20°C, in 1 hour. Full curing takes 24 hours at room temperature, or 30 minutes at 90°C.

Theor. spreading rate:

6-8 m²/kg 25 µm DFT

Thinning:

with R-EPOX thinner.

Clean up:

Tools and surfaces contaminated with paint can be cleaned with some organic solvent.

Safety precautions:

This paint is for use only by professional applicators in accordance with information in this Technical Data Sheet and the applicable Material Safety Data Sheet (MSDS). Refer to the product MSDS before using this material.

We recommend the field of application and usage technologies according to our best technical knowledge. These recommendations do not substitute for the detailed application technology / method statement which has to be developed with respect to the local circumstances and application requirements. In this sense this TDS should be considered as information only.