



TECHNICAL DATA SHEET

PROTECT E 2K INTERCOAT

Product description

Protect E 2k intercoat is two component epoxy intercoat based on Zn phosphate and/or Fe oxide as anti-corrosion pigments.

Purpose of the product

Product is to be used as intercoat in EP and EP/PU steel surfaces protection systems in conditions from medium up to high corrosion. It is recommended for protection of alignments in chemical and petrochemical industry, bridges and transmission line, cargo and traveller waggons protection, river and marine vessels protection, like as external and internal areas of reservoirs and cisterns for petroleum and petroleum products transport.

Tehnickal data

Viscosity (mixture A+B):	min. 60 sec F/4/20°C
Mass density (mixture A+B):	1.40-1.50 g/cm ³
Colours:	oxide-red and grey
Volume solids:	min. 46 %
Dry film thickness:	80-100 µm
Theoretical spreading rate:	4.0 m ² /kg for 80 µm
Curing time, at t=20° C, rh=80%	
on dust:	2 h
on touch:	5 h
for overcoating:	18 h
full dry/cure:	24 h/7 days
Pot life:	6h

Surface preparation

Product is to be applied over the epoxy primer Protect E 2k. A surface must be freed from dust, grease and must be dry.

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Application data

Mixing ratio by weight:

base 100

catalyst 18

Thinner:

Thinner E (0-10%)

Conversion factor, wet/dry film: 2.20

Application: by brush, by roller, by air spray
and airless spray: nozzle diameter 0.019-0.021''
nozzle pressure 140-180 bar

Application conditions: atmosphere temperature +5 do +35° C
supstrate temperature min. 3°C above dew point
r.h. = max 80 %

Overcoating interval :

min. 18 h

max. 72 h (without surface activation)

Storage

Separated components for 2 years in the original packing in cool and dry place at 25°C.

Safety precautions

Safety at work and fire protection are obligatory during the handling with this product. It is necessary to abide to instructions and safety data sheets of the manufacturer.

The technical data are given in order to optimally use the product.
For all necessary information, contact the manufacturer.

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