



TECHNICAL DATA SHEET

PROTECT PU 2K 680 TOPCOAT

Product description

Protect PU 2k 680 topcoat is two component topcoat based on polyesterisocyanates resins and selected pigments.

Purpose of the product

Product is to be used as topcoat in epoxy and PU steel surfaces protection system in conditions from medium up to high corrosion. It is recommended for protection of alignments in chemical and petrochemical industry, external areas of petroleum and petroleum products reservoirs and cisterns, transmission line, bridges, cargo and traveller wagons.

Technical data

Viscosity (mixture A+B):	min.40 sec F/4/20 C
Mass density (mixture A+B):	1.05-1.25 g/cm ³
Colours:	according to RAL card
Volume solids:	min. 55 %
Dry film thickness:	40-80 µm
Theoretical spreading rate:	11.0 m ² /kg for 40 µm
Curing time, at t=20° C, rh=80%	
on dust :	2 h
on touch:	5 h
for overcoating:	10 h
full dry/cure:	24 h/7 days
Pot life:	6 h

Surface preparation

Product is to be applied in system with epoxy primers and intercoats, 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 33

Thinner:

Thinner PU (0-10%)

Conversion factor, wet/dry film: 1.82

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 10 h

max 72 h (without surface activation)

Remark: Catalyst is moisture sensitive, and even small quantity of water in prepared paint can be a reason of reduced shelf life and can cause defects during application.

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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