



BAYCOPOX 3351-PW

Two component, epoxy based protection paint

Description:

BAYCOPOX 3351-PW is a two component, solvent-free, corrosion inhibitor protection paint which is resistant to non-salty water and abrasion.

Areas of Application:

BAYCOPOX 3351-PW is used as protection paint at,

- Potable water tanks,
- Water tanks,
- Applications on steel and concrete surfaces,
- Various applications against corrosion.

Properties/Advantages:

- It is solvent-free.
- It can be used at potable water tanks.
- It has good mechanical resistance.
- The product is easy to prepare and apply.
- It can be applied by brush/roller or airless spray.

Technical Data:

Basis:	epoxy based paint
Color:	red, grey, cream, blue
Mixed material density:	1,33±0,02 gr/ml
Mixing ratio:	A:B=5:1 by weight
Finish:	semi-gloss
Solid matter ratio by volume (%):	100
Flash point:	>100°C
Pot life:	30 minutes, at 20°C/50% rh.
Surface drying time:	after 6-8 hours at 20°C/50%
Application temperature:	+5°C to +35°C
Fully cured:	7 days (+20°C/50% rh.)

Packaging:

BAYCOPOX 3351-PW is delivered as 20 kg A-component and 4 kg B-component

Storage:

In its original, unopened packages, the product can be stored 12 months in a dry and cool environment.

Surface Preparation:

The surface must be load bearing and any material which can prevent adhesion (loose particles, oil, grease, etc.) must be removed from the surface. Abrading application must be done on smooth concrete surfaces and metal surfaces.

Product Preparation:

Components are packaged in different packages. Stir the B component first, after pour entire B component into A component and stir with a slow speed mixer (300 rpm) until a homogeneous mix is obtained. Prevent air-bubble formation. Wait for approx. 5 minutes to begin application.

Method of Application:

BAYCOPOX 3351-PW can be applied by airless spraying machine or brush/roller. The consumption is approx. 0,3-0,6 kg/m² per layer. Keep in mind that the consumption is affected by the surface condition. Theoretically, in order to achieve 300 micron thickness, 0,20-0,30 kg/m² consumption is required. In airless spray application, the nozzle orifice should be between 0,0019-0,031 inches. The nozzle pressure should be 25 bar.

Cleaning:

Clean the tools with appropriate agent right after the application. Hardened material can only be removed by mechanical means.

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Technical Data Sheet

Health and Safety:

Please refer to the MSDS for details.

Important Advices:

- Surface condition affects consumption directly.

- Do not thin the material.
- If the application is interrupted and restarted in 24 hours, no further application is required in order to continue BAYCOPOX 3351-PW application. However, if 24 hours is exceeded, the joint area where the application will continue on must be grinded prior to the application by a grinding wheel installed drill.

- During application and cure the temperature must be $\geq 15^{\circ}\text{C}$.
- Do not wait more than 4 hours between application layers.
- It is best that the paint temperature in the can is below 30°C .
- Do not apply in places with excessive humidity.