



BAYCOFLOOR-EP1268

Epoxy zinc-rich primer for steel

Description:

BAYCOFLOOR-EP1268 is a 2-component, pigmented zinc-rich primer of low viscosity, based on epoxy resin.

Properties/Advantages:

BAYCOFLOOR-EP1268 is a robust corrosion protection for steel surface, providing a durable and decorative effect. The benefits of the material are:

- Excellent corrosion protection
- Mechanically extraordinary resistant
- High water and condensation water resistance
- Resistance to mechanical wear

Areas of Application:

BAYCOFLOOR-EP1268 is used for the corrosion protection for

- Bridges,
- Pipe lines,
- Containers,
- Industrial and harbour installations,
- sewage treatment plant and
- large machinery;
- submerged or non-submerged in industrial and marine environments

Technical Data:

Basis:	2 comp. epoxy resin
Standard colour:	grey
Viscosity (+23°C):	A-Comp.: 2750 ±30 mPa.s Mixture (A + B): 2050 ±30 mPa.s
Mixing ratio:	A:B = 7,47 : 1 (by weight)
Density (+23°C):	A-Comp.: 2,2 ± 0,02 g/cm ³ Mixture (A+B): 1,85 ± 0,02 g/cm ³
Pot life:	8 hours at +23°C
Application temp.:	min. +10°C, max. +30°C (material and surface)
Min. cure temp.:	+10°C
Walkable on:	after 12 hours at +23°C

Fully curing: 7 days at +23°C

Packaging:

25 kg set.

Storage:

12 months in original sealed containers in a cool and dry environment between 5-35 °C.

Surface Preparation:

The area to be treated must be free from separating and adhesion inhibiting substances such as dust, laitance, grease, paint residues etc.

Product Preparation:

Stir component A very thoroughly using an electric mixer (start slowly, then increase up to approx. 300 rpm). Add component B carefully and mix both components very thoroughly (including sides and bottom of the container). Mix for at least 3 minutes until a homogeneous mixture is achieved. Fill mixed material into clean container and mix again shortly as described above.

Method of Application:

The method of application has a major effect on achieving uniform thickness and appearance. Spray application will give the best results. The indicated dry film thickness is easily achieved by airless spray and by brush.

Adding solvents reduces the sag resistance and the dry film thickness.

In case of application by roller or brush, additional applications may become necessary to achieve the required coating thickness, depending on type of construction, site conditions, colour shade etc. Prior to major coating operations a test application on site may be useful to ensure the selected application method will provide the requested results.

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- 1) By brush
- 2) Conventional high pressure spraying:
Nozzle size 1,7- 2,5 mm; pressure 3 - 4 bar, oil and water trap is compulsory.
- 3) Airless-spraying:
With a spray pressure in gun of min. 180 bar;
Nozzle size 0,38 – 0,53 mm;
spraying angle 40° - 80

Application conditions:

Relative humidity: Max. 85 % (except the surface temperature is significantly higher than the dew point temperature, it shall be at least 3 °C above dew point)

If necessary max. 5% thinner may be added to adapt the viscosity.

Cleaning:

Rinse tools after the application.

Health and Safety:

During mixing and handling of the materials always wear protective goggles, suitable gloves and other protective clothings.

Skin contact with epoxy resins can lead to allergies.

Once cured BAYCOFLOOR-EP1268 is harmless.

Please refer to the MSDS for details.