

Repcoat P Primer

Epoxy based primer



Description

Repcoat P Primer is a multi-component solvent based epoxy primer specially formulated to be used in conjunction with Repcoat P as well as Strongcoat Range of epoxy protective coatings to significantly improve their adhesion characteristics on steel and concrete surfaces.

Repcoat P Primer is supplied in form of epoxy base material and hardener which should be mixed together prior to use, it can be also supplied with a colour pack to match the colour of the topcoat material and thus lower the consumption of overcoating material and provide a uniform finishing.

Advantages

- ▲ Significantly improves the adhesion of Repcoat P as well as Strongcoat Range of epoxy protective coatings over steel and concrete substrates.
- ▲ Easy to apply, can be spread by roller, brush or airless spray.
- ▲ Can be supplied in different colours to match the colour of the topcoat material.

Method of Use

Substrate Preparation

Concrete substrates should be sound, clean and free from contaminations. Surface laitance should be removed by grit blasting or water jetting. All exposed pinholes should be filled with epoxy paste using Quickmast 341.

Steel substrates should be grit blasted to reach a bright finish meeting the requirement of Swedish Standard SA 2 1/2.

Mixing

Prior to mixing, stir individual components to disperse any settlement.

Add the entire content of the colour pack (if available) into the base container and mix with heavy duty drill for 2 minutes till a uniform colour is achieved. Add the entire content of the hardener to the base and mix thoroughly for 2 - 3 minutes.

Technical Properties @ 25°C:

Mixed density:	1.35 ± 0.05 g/cm ³
Pot life:	2.5 - 3.5 hr
Over-coating time:	
minimum	6 hr
maximum	24 hr
Full cure:	7 days
Bond strength on C25/30 concrete: ASTM D4541	≥ 2.0 MPa @ 7 days (concrete failure)

Application

Use a brush, lamb's wool roller, or airless spray machine to apply. Repcoat P Primer should be applied on the prepared substrates at a rate of 5.5 - 6.5 m²/kg to achieve 70 - 80 microns dry film thickness.

Repcoat P Primer should be left to completely reach a tack-free condition before being overcoated with the topcoat material, typically, this can be achieved within 6 to 24 hours at normal ambient conditions.

Cleaning

All tools should be cleaned immediately after application using DCP Solvent. Hardened materials must be cleaned mechanically.

Packaging

Repcoat P Primer is available in 5 kg packs (3.85 litres) and 20 kg packs (15.4 litres).

Coverage

Approximately 5.5 - 6.5 m²/kg to achieve 70 - 80 microns dry film thickness.

Repcoat P Primer

Storage

Store in a dry area out of direct sunlight at temperatures between 5°C and 35°C.

Shelf Life

Repcoat P Primer has a shelf life of 12 months from the date of manufacture if stored in proper conditions and unopened packs.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Cautions

Health and Safety

Repcoat P Primer should not come in contact with skin and eyes.

In case of accidental splashes to the eyes, rinse thoroughly with clean water and seek medical advice. Suitable protective gloves and goggles should be worn. Do not use a solvent to clean Repcoat P Primer from the skin.

For further information refer to the Material Safety Data Sheet.

Fire

Repcoat P Primer and DCP Solvent are flammable. Ensure adequate ventilation. Do not use near a naked flame and do not smoke during use.

Flash Point:

DCP Solvent: 37°C.

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Note:

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