

Weberprim EP 38

Polyamide cured, epoxy primer



Weberprim EP 38 is a two-component epoxy primer that contains zinc phosphate anti-rust inhibitors and is suitable for use over metal, concrete, tiles, plasterboard, plastics, fiberglass and timber. Weberprim EP 38 can be top-coated with most topcoats including acrylics, polyurethane, epoxies, etc.

PRODUCT BENEFITS



PRIMER



SEALS PORES



EXCELLENT ADHESION

USES

Weberprim EP 38 can be used as a primer over steel, timber, aluminum, stainless steel, fiberglass, concrete or tile surfaces. It can also be used as a surface over primed surfaces. Weberprim EP 38 is always recommended where a high-quality decorative finish is required. It can be applied to porous plastered surfaces as a sealer and sanded to a smooth finish to provide an optimum base for high quality decorative finishes.

ADVANTAGES

- Excellent adhesion
- Excellent abrasion and impact resistance
- Seals porosity

TECHNICAL DATA & PHYSICAL PROPERTIES

Colour	White
Finishing	Semi-Gloss
Volume Solids	55 ± 2%
Recommended Thickness	60 µ DFT per coat, 110 µ WFT per coat
Pot life (28°C)	1 hour
Drying Time	

Touch Dry	Sanding	Recoating Time
3 hours	16 hours	16 hours

Specifications are subject to change without notification. Results shown are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance will depend on installation methods and site conditions.

CONSUMPTION

Approx. 10 m²/ℓ @ 50µ DFT.

PRECAUTION

Do not apply when the relative humidity exceeds 90% or when the surface temperature to be coated is <5% above the dew point. Do not apply when temperatures are <5°C and >40°C. Temperature and ventilation after application determine the drying time. Apply at the recommended thickness to ensure proper drying.

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PROCEDURE & APPLICATION



Surface Preparation

All surfaces must be clean, sound, and free from any laitance, oil, grease, and any contaminants. New concrete should be cured for at least 10 days. Old and dirty concrete surface especially floors should be cleaned by blasting or grinding to remove the contaminated layer. Moisture content should be less than 4%. Remove oil or grease from surface to be coated with suitable degreaser or cleaner. Steel: For maximum protection, dry abrasive blast to a commercial blast finish in accordance with SSPC-SP6 with blast profile about 15 to 25 microns.



Mixing

Stir Part A resin till homogenous. Empty Part B hardener into Part A and continue to mix for 3 minutes. For workability, Weberprim EP 38 (thinner) should not be thinner than 10% by volume.



Application

Weberprim EP 38 can be applied using roller, brush and spray. For spray, do not apply when the surface temperature is less than 5°C above the dew point. Hold the gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun.



Care & Maintenance

Regular cleaning and maintenance will prolong the life of Weberprim EP 38. Regular cleaning using a single or double headed rotary scrubber with alkaline detergent is recommended.

CLEANING

Clean the tools and equipment immediately after use with thinner.

STORAGE & PACKING

Weberprim EP 38 is available in 10 kg sets (Part A - 7.5 kg pail + Part B - 2.5 kg pail) and 20 kg sets (Part A - 15 kg pail + Part B - 5 kg pail).

Shelf life of 12 months if unopened, kept in dry conditions and at temperatures of 10°C to 30°C.

HEALTH & SAFETY

There should be good ventilation. If not, a portable exhaust fan shall be used. Wear protective clothing, gloves, and goggles during mixing and application process. Handle with care and in the event of eyes and skin contact, wash with plenty of water, and seek medical attention if irritation persists. Please keep out of reach of children.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Saint-Gobain (Singapore) Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion. (Jan '23)

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