

PRODUCT DATA SHEET

| CHEMPRIME



DESCRIPTION

RMS Chemprime is designed as a primer for RMS Acidcheck and RMS Bundcoat.

TYPICAL USES

AS ABOVE.

ADVANTAGES

- Solvent free
- Outstanding chemical resistance
- Excellent adhesion to concrete and steel.
- Tough, durable and abrasion resistant
- Very rapid cure, even at low temperatures
- Hygienic and easily cleaned.

TYPICAL PROPERTIES

Pot life @ 20C: 25 Minutes
@ 10C: 50 Minutes
Colours: Amber coloured clear
Coverage: 0.25-0.30kg/m²/coat
Tack free time @ 20°C: 3 hours.
Hard dry time@ 20°C: 6 hours
Full chemical resistance @ 20°C: 5 days
Adhesive strength to concrete: 3.8 MPa (concrete failure)
Adhesion strength to Sa 2.5 steel: 14 MPa
Temperature range during application: 2°C to 30°C
Temperature range in service: -20°C to 70°C

CURING

Allow to cure for a minimum of 6 hours
Overcoat within 24 hrs.

STORAGE & SHELF LIFE

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C. RMS Chemprime has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

COVERAGE

A 5kg pack is sufficient to treat between 15 to 30 m² depending on surface.

PROCEDURE



SURFACE PREPARATION

- a) Concrete shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound and existing paint finishes etc. Holes and defective concrete shall be made good using RMS Floor Doctor for major repairs or RMS Surfacer for minor blemishes. Suitable mechanical treatment such as vacuum grit blasting is the preferred treatment prior to application as this ensures a mechanical 'key' for the coating.
- b) Steel surfaces shall be shot blasted, or grit blasted to a nominal Sa 2.5 Swedish standard. All dust and grease shall be removed prior to coating application. If a delay is likely to occur between blasting and application, then it is recommended that a coat of RMS Steel primer is applied as holding primer to obviate flash rusting.

MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means. **Once mixed, ensure the product is either transferred straight into a scuttle or directly to the floor to reduce the speed of the exothermic reaction.**

APPLICATION

Apply by brush or short pile roller at a nominal rate of 0.15 to 0.3 kg/m². After a minimum of 6 hours @ 20°C but within a maximum of 24 hours, apply either RMS Acidcheck or RMS Bundcoat.

If the maximum overcoating limit is exceeded, the first coat must be abraded and solvent wiped prior to application of the second coat.

EQUIPMENT CLEANING

Clean equipment with RMS Toolclean prior to curing of the coating

LIMITATIONS

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 2°C or less.

HEALTH & SAFETY

Avoid contact of the material with skin and eyes. Wear gloves and goggles.

Wash off splashes immediately with soap and water. Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

RMS Chemprime shall be applied strictly in accordance with the manufacturer's instruction.

DOCUMENT VERSION

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