

DESCRIPTION

RMS Tufflor Cold Cure is a two pack Epoxy coating which is designed to cure at low temperatures i.e. down to zero degrees C. on concrete substrates

The material is supplied as a two pack system, comprising pre-weighed amounts of BASE and CURING AGENT. After mixing together, an easily applied chemical and abrasion resistant finish is produced.

TYPICAL USES

As a tough, waterproof wear resistant floor coating in manufacturing areas, trafficked warehouse areas, food preparation areas, breweries, abattoirs, bottling factories, etc.

ADVANTAGES

- Solvent free, low odour
- Very good chemical resistance
- Excellent adhesion to concrete
- High build
- Tough and durable
- Easily applied
- Hygienic and easily cleaned

TYPICAL PROPERTIES

Pot life @ 20°C: 25 Minutes

@ 10°C: 45 Minutes

Colours: see website

Coverage: 0.25-0.30kg/m²/coat

Tack free time @ 20°C: 4 hours

Hard dry time @ 20°C: 8 hours

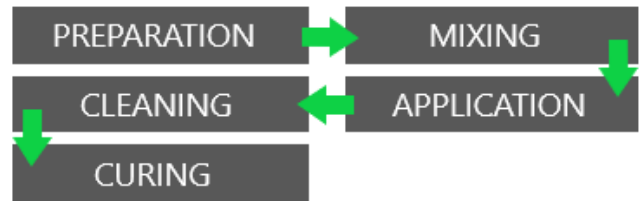
Full chemical resistance @ 20°C: 7 days

Adhesion strength to concrete: 3.9 MPa (concrete failure)

Adhesion strength to mild steel: >12 MPa

Chemical resistance: excellent resistance to dilute acids, dilute alkalis, oil, petrol, diesel, vegetable oils, raw sewage etc

PROCEDURE



SURFACE PREPARATION

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 a repair compound e.g. RMS Floor Doctor.

Suitable mechanical treatment such as Diamond Grinding or STR Grinding is the preferred treatment prior to application as this ensures a mechanical 'key' for the coating.

MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by slow speed drill with a paddle attachment (see accessories on the website) until a uniform colour is achieved. **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.**

PRODUCT DATA SHEET

TUFFLOR COLD CURE



APPLICATION

The mixed material can be poured in patches onto the floor and squeegeed out, finishing off with a roller.

Alternatively the mixed material can be poured into a paint scuttle and rolled out. See the website for suitable accessories.

Apply at a nominal rate of 0.25 to 0.3kg/m². After a minimum of 14 hours and before a maximum of 48 hours, if required, apply a second coat at the same rate.

EQUIPMENT CLEANING

Clean equipment with RMS Toolclean prior to curing of the coating.

CURING

Allow to cure for a minimum of 24 hours @ 20°C prior to light foot traffic access and 48 hours @ 20° prior to vehicular trafficking. It should be noted that the lower the temperature the slower the cure and at zero may take up to 24 hrs to cure.

7 days cure @ 20°C is recommended prior to exposure to chemicals.

STORAGE & SHELF LIFE

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C. RMS Tufflor Cold Cure 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 16/20 m² of surface area per coat per 5Kg pack - the recommended two coat treatment will provide an overall d.f.t. of 400-500 microns. (0.4 -0.5 mm.)

LIMITATIONS

Do not apply to wet, frosty or uncured concrete surfaces. Do not apply at temperatures of 0°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 Tufflor Cold Cure should be applied strictly in accordance with the manufacturer's instructions

DOCUMENT VERSION

VERSION: 2

DATED: 07/06/2021

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on RM Suppliers' current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).
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