

DESCRIPTION

RMSFlexiflor is a two pack specially formulated flexible solvent free resin coating modified to impart flexibility with toughness, resilience, and waterproofing properties to the cured film. The abrasion and impact resistance, together with the low temperature flexibility and excellent adhesion to concrete, make RMSFlexiflor the Architects choice.

TYPICAL USES

RMSFlexiflor an ideal material for use as a coating for mezzanine areas, suspended floor slabs, plant rooms. Walkways.

ADVANTAGES

- Tough and hardwearing
- Flexible
- Excellent abrasion and impact resistance
- Proven chemical resistance.
- Low odour during application
- Good water and weathering resistance

TYPICAL PROPERTIES

Pot life @ 20°C: 60 Minutes Colours: Grey, Green, Red as standard (BS4800 or RAL colours can also be supplied)

Minimum overcoating interval: 12 hours @ 20°C

Maximum overcoating interval: 48 hours @ 20°C

Tensile strength: 9MPa (7 days cure @ 20°C)

Elongation at break: 85% @ 20°C

Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils.

PROCEDURE



SURFACE PREPARATION

a) All surfaces should be sound, clean, and free from dust, dirt, laitance, oil and other contaminants. All laitance should be removed by mechanical means, diamond grinding or STR Grinding. New concrete surfaces must be a minimum of 21 days old and/or have a residual moisture content below 6%. (Can be reduced to 10 days if RMSDampstop is used). Steel substrates shall be grit blasted to Sa2.5 Swedish standard.

PRIMING

A primer coat of RMSFlorprime is recommended on very porous concrete substrates. Apply the RMSFlorprime at a nominal rate of 0.2kg per m² in accordance with the product data sheet instructions. Allow the milky colour of the primer to disappear before overcoating. This will typically be between 3-4 hours, depending on temperature and ventilation conditions. A primer coat of RMSSteel Primer is recommended on steel substrates. Please refer to RMSSteel Primer product data sheet for additional information.

MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means, a paddle mixer is available in the accessories section of the website, this will fit most drills and a slow speed is recommended, mix 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

| FLEXIFLORE



APPLICATION

Apply by brush or roller at a nominal rate of 0.3kg/m² per coat, with a minimum of 12 hours between coats.

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°C prior to vehicular trafficking. 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. RMSFlexiflor 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 coat 16-20m² of surface with one coat, providing an overall d.f.t. of 225 microns approx. Two coats may be required on a poor surface

LIMITATIONS

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 3°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

RMSFlexiflor shall 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).
RM Suppliers Ltd, 38 High Steet North, Langley Moor, Co. Durham. DH7 8JG **TEL: 0191 389 7067** **EMAIL: technical@rmsuppliers.com**