

PRODUCT DATA SHEET

| JOINT DOCTOR



DESCRIPTION

RMS Joint Doctor is a coloured, two pack, pourable, flexibilised Epoxy sealant. The consistency of the mixed sealant allows direct pouring of the sealant into horizontal joints. RMS Joint Doctor is hard and tough enough to protect arris edges from heavy wheel loading, but possesses sufficient flexibility to accommodate a degree of movement (10% of the joint width). RMS Joint Doctor is particularly suitable for filling saw cut joints in long strip floor construction.

TYPICAL USES

To seal floor joints in food factories and warehouses where heavy vehicular trafficking occurs.

ADVANTAGES

- No Primer required
- Excellent adhesion to concrete
- Tough and resilient
- Suitable for wide joints
- Highly resistant to water
- Easy to apply
- Fast curing
- Hygienic and easily cleanable
- Low viscosity

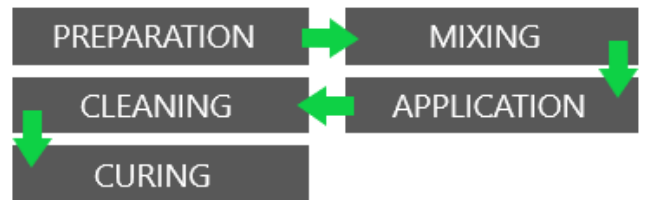
TYPICAL PROPERTIES

Colours: Light Grey
Pot Life: 1 hour @ 20°C
Specific Gravity: 1.32
Shore A hardness: 75
Movement accommodation factor: 10%
Chemical Resistance: Very good resistance to dilute mineral acids, alkalis, petrol, oils, milk, citric acid, hydraulic fluid, and hot water. Please refer to our technical department for specific advice.

JOINT DESIGN

When using RMS Joint Doctor, the joints shall be designed to ensure that concrete movement due to shrinkage and temperature fluctuations does not exceed 10% of the joint width.
For joints up to 12mm wide, the depth of sealant should be equal to the width.
For joints over 12mm wide the depth of sealant should not exceed 20mm.
Joints over 25mm wide are permissible with RMS Joint Doctor.

PROCEDURE



SURFACE PREPARATION

New concrete floors shall be a minimum of 21 days old. Joint surfaces shall be sound, clean and free from laitance, dust and other contaminants. Joint arrises are best prepared by grinding or power wirebrushing; ensuring that all spoil and residual dust is removed by blowing with dry, oil free, compressed air. De-bonding tape should be used in the base of the joints otherwise a polyethylene foam backing strip should be inserted to the appropriate depth, this will avoid "losing" Material under slabs, cracks, voids etc

MIXING

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform consistency 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.**

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APPLICATION

The mixed material may be poured directly into the prepared joints to level.
Alternatively, RMS Joint Doctor may be poured into empty cartridge tubes and gunned into the joints using a sealant gun. It may be necessary to top up to level after a few minutes when the sealant has settled into irregularities.

EQUIPMENT CLEANING

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

CURING

RMS Joint Doctor will have cured sufficiently following 24 hours cure @ 20°C to allow trafficking. Full chemical resistance will be achieved following 7 days cure @ 20°C. At lower temperatures cure times will be increased

STORAGE & SHELF LIFE

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

COVERAGE

2 litre pack of RMS Joint Doctor is sufficient for 20 linear metres with a 10mm x 10mm joint

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

RMS Joint Doctor shall be applied strictly in accordance with the manufacturer's instructions

DOCUMENT VERSION

VERSION: 2

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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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