PRODUCT DATA SHEET

# | DAMPSTOP

REPAIR & MAINTENANCE SUPPLIERS

## DESCRIPTION

RMS Dampstop is a two pack Epoxy resin-based primer/coating, which has been developed to function as a residual construction moisture suppressant, allowing the early installation of moisture sensitive flooring in fast track building programmes. One or two coats may be applied depending on the degree of dampness present in the sub-floor. The product is available in grey, red, and clear colours to allow control of uniform coverage. RMS Dampstop is also suitable for priming damp, minimally prepared substrates.

## TYPICAL USES

As a surface damp-proof membrane. As a moisture suppressant on concrete and sand/cement screeds. As a damp tolerant primer for concrete and resin screeds. As a surface tolerant coating.

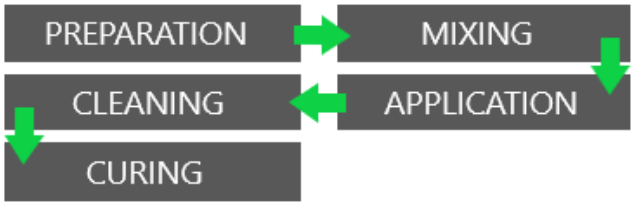
## ADVANTAGES

- Provides surface damp-proof membrane
- Allows rapid laying of floor toppings to power
- floated concrete
- Solvent free, low odour
- Coloured to monitor progress
- Low viscosity, easily applied
- Excellent adhesion
- Surface tolerant
- Excellent resistance to water, grease and oil

## TYPICAL PROPERTIES

Pot life @ 20ºC: 45 Minutes
Pot life @ 10ºC: 90 Minutes
Colours: Grey, Red and Clear
Tack Free Time @20°c: 6 hours
Hard Dry Time @ 20°c: 14 hours
Coverage: 3 m²/kg first coat
4m²/kg second coat
Adhesive strength to damp concrete:
3.6MPa (concrete failure).
Flexural Strength: 64 MPa.
Water Absorption: <0.2% after 7 days immersion

## PROCEDURE




## SURFACE PREPARATION

Concrete surfaces shall be sound, clean and free from dust laitance and other contaminants. Suitable mechanical treatments, such as vacuum shot blasting and or diamond grinding is recommended to ensure the removal of contaminants and to provide a 'key' for the RMS Dampstop. Moisture testing of the substrate in accordance with BS8203, shall be carried out on new concrete floors. A sub floor moisture reading of 97% R.H. can be accommodated by RMS Dampstop. If readings exceed this figure, then the floor must be allowed to dry out further.

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## MIXING

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

## 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.

a) Two coat applications (R.H.>92%).
Apply a first coat of RMS Dampstop red, by brush or roller to the prepared substrate at a nominal rate of 3 $m^2/kg$..
Within 24 hours apply a second coat grey at a nominal rate of 4 $m^2/kg$
b) Single coat application (R.H<92%).
Apply a coat of RMS Dampstop (grey, red, or clear) at a nominal rate of 3 $m^2/kg$

## EQUIPMENT CLEANING

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

## STORAGE & SHELF LIFE

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. RMS Dampstop has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

## HEALTH & SAFETY

Avoid contact of the material with skin and eyes Wear gloves and goggles Wash off splashes immediately with soap and water Please refer to Material Safety Data Sheet for additional information. RMS Dampstop shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department.

## LIMITATIONS

Do not apply to surfaces with standing water. Do not apply at temperatures of 3°C or less.

## DOCUMENT VERSION

**VERSION: 2**

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