TECHNICAL DATA SHEET

PrimeMore MVS

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Moisture vapour suppressant for residual moisture in cementitious subfloors

Key Features

- Ready to use, water-based moisture vapour suppressant
- Suitable for residual construction moisture in cementitious subfloors up to 95% RH
- Suitable for residual construction moisture in heated cementitious screeds up to 85% RH
- Two coat application forms a protective layer that impedes the passage of moisture
- Enables earlier installation of floor coverings
- Purple pigment improves visibility and helps ensure full, even coverage

Technical Information

Pack sizes	5kg & 10kg
Colour	Purple
Application temperature (air and background)	≥ 10˚C
Drying time (@ 20˚C)	First Coat: Approximately 20 minutes
	Second Coat: Approximately 30 minutes
Coverage per two coat application	Up to 4m² / kg

Areas of Use

Floors	Interior	Domestic and Commercial

Kelmore

Background and Surface Preparation

Ensure the subfloor contains an effective structural damp proof membrane and has sufficient surface strength. All surfaces must be dry, clean, sound and free from contaminants that could impair adhesion, such as dust, dirt, oil, grease, laitance, and curing agents. Rough or uneven concrete and cementitious screeds should be pre-smoothed using a moisture tolerant Kelmore levelling and smoothing compound.

Suitable Subfloors

Cementitious Screeds (inc. Heated)	Concrete

Guidance Notes for Suitable Subfloors

Prime the following subfloors with two coats of Prime*More* MVS. Apply the first coat in one direction. Once touch dry, apply the second coat at right angles to the first.

CEMENTITIOUS SCREEDS

- Ensure the screed has an effective structural DPM and the residual construction moisture content is no greater than 95% RH.

HEATED CEMENT:SAND SCREED

- Commission from 3 weeks after screed installation and before work commences.
- Heat slowly at a maximum rate of 5°C per day until the maximum operating temperature is reached.
- After commissioning, continue to run the underfloor heating until the screed is confirmed to be no greater than 85% RH.
- For proprietary screeds, follow the manufacturer's recommendations for commissioning and preparation.
- Switch off underfloor heating 48 hours prior to commencing work.

CONCRETE

- Ensure all concrete, including power floated concrete, has an effective structural DPM and the residual construction moisture content is no greater than 95% RH.
- Power floated concrete should be mechanically prepared by suitable means to achieve a clean, sound, micro-textured, dust-free surface.

KELMORE'S MOISTURE TOLERANT LEVELLING AND SMOOTHING COMPOUNDS

- Level*More* Absolute 30, Level*More* Pro and Level*More* Flex&Fibre are all moisture tolerant and can be used to pre-smooth subfloors prior to applying Prime*More* MVS.

Application

Stir the contents before use. Apply Prime*More* MVS in two coats to the prepared background using a medium pile roller. Ensure both coats are applied evenly - not exceeding 4m²/kg per two coat application - and that the entire area is fully covered.

Apply the first coat in one direction. Once touch dry, apply the second coat at right angles to the first. Allow the second coat to thoroughly dry, ensuring the final coating is tack-free, continuous, even and free from pinholes.

If any pinholes or thin patches are visible after drying, apply an additional coat.

Drying

Drying times will vary depending on the background porosity, ambient temperature, and humidity. At 20°C, the first coat will typically be touch dry in 20 minutes, and the second coat in 30 minutes.

Coverage

Coverage will vary depending on the background texture and porosity. The table below shows the approximate coverage when applying two coats to a smooth subfloor.

Pack Size	Two Coat Application Coverage
5kg	Up to 20m²
10kg	Up to 40m²

Levelling and Smoothing

Once the second coat of Prime*More* MVS has dried, apply a suitable Kelmore levelling and smoothing compound at a minimum thickness of 3mm within 24 hours. If this time frame is exceeded, an additional coat of Prime*More* MVS must be applied and allowed to dry before proceeding with the application of the compound.

Notes:

- Prime*More* MVS can only be used where an effective structural damp proof membrane is present.
- Prime*More* MVS should only be applied when both the air and background temperatures are 10°C or higher.
- Movement joints must not be bridged with Prime*More* MVS. They must be maintained through to the floor finish using a suitable flexible, impervious jointing system.

Cleaning: All tools should be cleaned with water after use and before the product dries.

Health and Safety: Safety Data Sheet is available on our website or on request using the contact details below.

Storage and Shelf Life: When stored in unopened packaging, off the ground, and in temperatures between 5°C and 25°C, this product has a shelf life of 12 months.

BS & EN Standards: Prime*More* MVS should be used in accordance with the the requirements of the relevant British and European Standards.

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