

Product Data Sheet

K MIX DAMP RESISTANT PLASTER

K Mix Damp Resistant Plaster is a renovation plaster used to control salt migration and dampness in walls. The plaster is designed to be applied to salt contaminated walls following the installation of a damp proof course and has a porous structure to allow walls to dry out naturally by evaporation. K Mix Damp Resistant Plaster is normally applied in two coats as a backing for skim and paint finishes and requires only the addition of water and 10 minutes mixing time prior to use.

K Mix Damp Resistant Plaster is Kitemarked and CE marked to BS EN 998-1 and manufactured in accordance with a quality system approved to BS EN ISO 9001:2015 by BSI registration number FM 85394.

FEATURES & BENEFITS

- Controls salt migration
- Allows walls to dry
- Only requires the addition of water and mixing before use
- Easy to apply by hand or by machine
- For internal use

COVERAGE

Coverage: 1.25 kg/mm thick/m²

Require: approximately 25 kg/m²

Nominal 20mm thickness

KITEMARK CLASSIFICATIONS

Dry Bulk Density: 1100 kg/m³

Compressive Strength: CS II

Adhesion: > 0.2 N/mm²

Capillary water absorption category: >0.3 kg/m²
(after 24h)

Water vapour permeability: $\mu < 15$

Thermal conductivity ($\lambda_{10, \text{dry, mat}}$): 0.31 W/m.K

Reaction to fire: Class A1

PREPARATION

- Remove all plaster from internal walls to at least 300mm above the line of damp, in accordance to BS 6576.
- Repair or install a remedial damp proof course, where necessary
- Ensure that the surface is clean, free from surface salts and any loose or friable material.
- K Mix Damp Resistant Plaster is not recommended for use on plasterboard or bituminous coatings.

APPLICATION

- Add a 23kg bag of K Mix Damp Resistant Plaster to 4.5 – 5 litres of clean water.

- Mix thoroughly for at least 10 minutes to break down the additives to give an easily worked plaster.
- Apply a first pass of approx. 6mm and allow to stiffen slightly, typically after a few hours in normal conditions.
- Apply second pass approx. 14mm.
- Rule to line and level.
- Allow to cure for a minimum of 24 hours prior to applying a standard plaster skim coat.
- Allow to cure for at least 14 days prior to painting with a non-vinyl based emulsion paint.
- K Mix Damp Resistant Plaster can also be machine applied.
- K Mix materials should only be used when the temperature is between 5°C and 35°C.
- K Mix materials must not be applied to frozen or thawing supports. If the coating is to be applied in adverse conditions, it is essential to protect the working area before and after application.

CLEANING

Clean tools and equipment with water immediately after use. Residue must not enter drainage systems.

PACKAGING & STORAGE

- K Mix Damp Resistant Plaster is usually packed in 23kg sacks, with 40 sacks per 0.92 tonne pallet.
- All product sacks must be protected on site.
- The shelf life is approximately 6 months if stored off the ground in original, sealed bags and protected against frost and away from direct sunlight.
- It is important to note that all K Mix products are non-returnable.

TECHNICAL ADVICE

For use of this product, please seek technical advice by contacting your sales representative.

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