

# KingPlast<sup>®</sup> MN75

**Exterior grade cementitious decorative plaster with high condensate resistance.**

## DESCRIPTION

KingPlast MN75 is a polymer modified, ready mixed decorative cementitious plaster available in many different colours. KingPlast MN75 is composed of a blend of cement, sand, limestone, dry powders aggregates, selected polymers and fibers.

It is recommended to apply a compatible water repellent coat after such as KingCoat L.

## APPLICATIONS

External wall decorative finish coat applied on plaster ready substrates.

## ADVANTAGES

- ☐ Consistent colours.
- ☐ Smooth or textured finish.
- ☐ Shrinkage controlled polymer modified cementitious plaster.
- ☐ Easy to apply, one component, requires only addition of water.
- ☐ Suitable for internal and external applications.
- ☐ Available in wide range of colours.
- ☐ Can be applied either by trowelling or spray methods.

## STANDARDS

KingPlast MN75 complies with ASTM C150, Type 1, ASTM C897 and application standard ASTM C926.

## METHOD OF USE

### Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance. Leveling plaster coat should be soaked with clean water before applying the plaster.

### Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

4.8 - 5.2 litres of clean water should be added to clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued until uniform consistency is obtained.

## TECHNICAL PROPERTIES

Fresh wet density:	1.9 ± 0.1 g/cm <sup>3</sup>
Maximum aggregate size:	1 mm
Compressive strength: (wet cure) ASTM C109/109M-02	> 6 MPa @ 28 days
Working life:	≈ 1 hr
Minimum application temperature:	5° C
Bulk density:	1.50 ± 0.05
Fire index: EN998-1	Class A1
VOC:	< 10 g/ltr

## PLACING AND FINISHING

The suitable thickness of application is up to 8 mm. KingPlast MN75 is applied by trowel or hopper spray gun. The mixed mortar should be applied using firm pressure to fully compact the mortar and ensure good adhesion to the substrate.

Finishing and leveling should be carried out initially by wooden or plastic float. Final finishing should be carried out using a slightly water damped steel float.

## CURING

As KingPlast MN75 is a cementitious based material, it should be cured in a similar manner to cement base materials.

Soak the applied surfaces with water 2 - 3 times a day after setting. Soaking must be done uniformly to all the applied area.

Then it is recommended to use a water repellent material like KingCoat L. This procedure is important to prevent the efflorescence effect

## CLEANING

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

## PACKAGING

KingPlast MN75 is available in 25 kg bags.

## YIELD

Approximately 15 - 16 litres/25 kg bag. thickness.



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## STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult KingKrete's Technical Services Department.

## HEALTH AND SAFETY

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use. Use in well ventilated areas and avoid inhalation.

## NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative. KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.

## QUALITY AND CARE

All products originating from KingKrete's Qatar facility are manufactured under a management system independently certified to conform to the requirements of the quality standard ISO 9001.

\* Properties listed are based on laboratory-controlled tests.

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## KingKrete-Qatar/KingPlast\_MN75\_02/v2/07\_18

### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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