

KingPlast[®] GB75

Machine applied interior grade gypsum levelling plaster with mould and condensate resistance ready for final top coat or paint

DESCRIPTION

KingPlast GB75 is a pre-mixed, gypsum based internal spray plaster which when applied in one single layer to wall surfaces such as bricks, concrete, or aerated concrete, provides a surface that is ready for paint with no need to any additional finishing or plaster.

KingPlast GB75 produces a strong durable finish, with excellent surface hardness and a bright appearance.

APPLICATIONS

KingPlast GB75 is suitable for use on internal walls in commercial and residential buildings as well as hotels, hospitals and schools, and can be applied directly to any concrete or brick surfaces.

ADVANTAGES

- ☞ Easy to use, requires only addition of water.
- ☞ Lightweight, with excellent adhesion to most construction surfaces.
- ☞ Produce a hard and durable finish.
- ☞ Dimensionally stable, does not shrink upon drying.
- ☞ Vapour permeable and breathable resulting in a healthier environment.
- ☞ Does not support bacterial, mould or fungal growth.
- ☞ Nonflammable.
- ☞ Provides for better heat insulation than normal plasters.
- ☞ Very high productivity with spray application.

METHOD OF USE

Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance.

Priming

Primer is not normally necessary prior to the application of KingPlast GB75, however, areas to be plastered should be soaked with clean water before applying the plaster.

Where increased bonding is required, or where plastering is to be applied on smooth fair faced surfaces, use a polymer modified resin based primer such as KingPlast GB75 Contact Primer.

TECHNICAL PROPERTIES @ 25⁰C:

Colour:	White powder
Fresh wet density:	1.5 - 1.7 g/cm ³
Bulk density:	1.45 g/cm ³
Mixing ratio:	10 – 11 ltr of water/25 kg bag
Open time:	60 min
Initial setting time:	6 hr
Final setting time:	10 - 12 hr
Compressive strength:	> 2 MPa @ 7 days > 8 MPa @ 28 days
Application thickness:	Up to 20 mm
Minimum application temperature:	5°C

KingPlast GB75 should be applied after 24 hours after KingPlast GB75 Contact Primer dries.

Mixing

Adjust the water rate of the spray machine to obtain a wet but thixotropic consistency. When mechanical mixing for use in manual application, add 10.5 litres of water to a 25 kg bag of KingPlast GB75 and mix thoroughly before application.

PLACING AND FINISHING

KingPlast GB75 should be sprayed horizontally between the plaster lathes. Spraying should be continuous for each sector. KingPlast GB75 left on the plaster lathes should be scraped off using a trowel.

Surface finish is performed using an aluminum knife template moving upwards, and pressing the plaster lathes. Make sure all gaps on wall surfaces are filled.

A second surface finish may be performed within 20 minutes of the first surface finish. After the material has initially hardened, spray water on to the surface with a brush or a hose, then use foam rubber trowel moving in circular motion to float the surface.

Smooth interior edges and other parts of the wall using a plastering plane.

Note: Nature of the surface does not change the form of application, the same method of application is used for all surfaces and for walls and ceilings.

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LIMITATIONS

- Do not mix with any other products or materials.
- It is not advisable to use the material if substrate or air temperatures are below 5^o C.
- Dry and hot surfaces should be wetted before application of KingPlast GB75.
- Plastering machine and application tools should be cleaned before and after use.
- Avoid application in highly humid environments.

CLEANING

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

PACKAGING

KingPlast GB75 is available in 25 kg bags.

YIELD

Approximately 2.2 m²/25 kg bag at a 10 mm thickness.

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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STATEMENT OF RESPONSIBILITY

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