

KingFill[®] S10

Exterior grade cementitious brick and stone pointing mortar for joints up to 20 mm with abrasion, mould, stain and water resistance

DESCRIPTION

KingFill S10 Exterior grade cementitious brick and stone pointing mortar for joints up to 20 mm with abrasion, mould, stain and water resistance.

APPLICATIONS

For grouting bricks and natural stones for both internal and external applications.

ADVANTAGES

- ☐ Abrasion resistant.
- ☐ Stain resistant.
- ☐ Mould resistant.
- ☐ Water resistant, will not be affected in wet areas.
- ☐ Ready for use, just requires the addition of water.
- ☐ High bond strength.
- ☐ Suitable for internal and external applications.
- ☐ Available in a wide range of colours.

METHOD OF USE

Substrate preparation

All surfaces must be clean and free from oil, grease or loose materials.

Mixing

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

5 - 5.5 litres of clean water should be added to clean container for each 25 kg. 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 for 3 minutes until uniform consistency is obtained. Allow to stand for 5 minutes before using.

APPLICATION

- ☐ Apply using a spatula or a scraper.
- ☐ Remove excess material from the face of the stone using a dry cloth.
- ☐ Finish by running the tip of the gloved finger over the surface or by using a suitably curved tool.

TECHNICAL PROPERTIES

Compressive strength	4 MPa @ 1 day @ 25°C
Working time:	≈ 90 min @ 20°C ≈ 30 min @ 35°C
Minimum application temperature	5°C
Fresh wet density:	1.9 g/cm ³

- ☐ After drying, clean stone with a damp sponge.
- ☐ It is recommended to remove grout from the stone surfaces before full setting of the grout. Failure to do so may result in difficulty in removing any remains.

Notes:

- ☐ Low temperatures (below 5°C) will affect the physical properties of the unset material
- ☐ During application and for at least 12 hours from application, the product should not be exposed to any water.

YIELD

Yield will vary depending on joint size and stone size.

PACKAGING

KingFill S10 is available in 25 kg bags.

CLEANING

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

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.



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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

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.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by KingKrete Inc. either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not KingKrete Inc. are responsible for carrying out procedures appropriate to a specific application.