KingBond ® SBR200

Liquid polymer bonding agent for cement containing mixes.

DESCRIPTION

KingBond SBR200 is a one component styrene butadiene rubber latex bonding agent. KingBond SBR200 is designed to improve the physical properties of cement mixes and slurries.

APPLICATIONS

KingBond SBR200 is ideally designed for use in the following applications:

- Bonding of new to old concrete when used as a slurry coat.
- To produce various traditional cement/sand adhesive mortars such as block mortar, plaster/render and tile adhesive.
- To produce a mechanical key prior to rendering of various plaster mixes on concrete, brick and block surfaces.

ADVANTAGES

- Successfully increases the bonding/adhesion of cement mixes.
- Effective plasticiser giving improved workability and cohesion.
- Improved mechanical and physical properties by increasing tensile, flexural and adhesive strengths.
- Good freeze/thaw resistance.
- Chloride free.

METHOD OF USE

Substrate Preparation

The substrate should be sound, clean and free from contamination. Surface laitance should be removed by acid etching.

Exposed steel reinforcements should be grit blasted or wired brushed to a bright finish to insure it is clean of all surface contaminations.

For patch repair, cut back the edges of the repair areas to a minimum of 10 mm depth to avoid thin repair thicknesses. Presoak substrates with water prior to commencing the repair.

TECHNICAL PROPERTIES @ 25^{0}C:

Specific gravity:	Around 1.0
Colour:	White

MIXING

In general, KingBond SBR200 should be added and mixed with the clean water prior to dry materials for better dispersion.

As a bonding agent slurry:

The recommended mix to produce slurry consistency can be achieved by mixing 2 KingBond SBR200 : 3 OPC cement by volume.

As a bonding and waterproofing additive for site mixed cement/sand adhesive mortar:

The following table shows the mix design proposed to improve the adhesion of traditional cement/sand mortars such as block mortar, plaster/render and tile adhesive.

Component	QTY by volume
Cement	3
Sand	6
Water*	1-3
KingBond SBR200	1

**Based on type of sand and humidity.*

APPLICATION

As a bonding agent slurry:

Use a stiff brush to apply a thick coat to presoaked surfaces. Application of the subsequent render, mortar or screed should take place while the bond coat is still wet (tacky). DO NOT apply on dry bond coats. (If bond coat dries before subsequent application, roughen the dry coat before applying a further coat of KingBond SBR200 slurry.)

As a bonding and waterproofing additive for site mixed cement/sand adhesive mortar:

Apply workable site mixed cement/sand adhesive mortar prepared with KingBond SBR200 based on best practices method of application for purpose required.

CLEANING

KingBond ® SBR200

All tools shall be cleaned immediately after application using fresh water. Hardened materials must be cleaned mechanically.

PACKAGING

KingBond SBR200 is available in 5, 25 and 200 litre drums.

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 manufacturing facilities 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 North America
www.kingkrete.com