

Surecrete

Flexible acrylic additive for Kemgrip Standard

Packaging



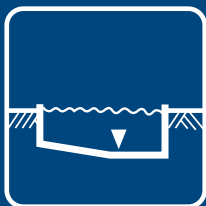
Mixing



Application



Uses



Substrates

Gypsum
Plasterboard
Cement sheet
Concrete,
brick, block
Cement render

Description

Surecrete replaces water in **Kemgrip Standard** and mortar mixes to make an adhesive that has flexibility, high strength, improved bond strength and is chemical, vibration and shock resistant.

Uses

Bedding and bonding ceramic tiles, granite, slate, glass tiles, stone, marble and terrazzo tiles or slabs vertically or horizontally to interior or exterior surfaces of cement render, brick, block and compressed cement sheeting.

Features

Use for thin or thick bed fixing. It is unaffected by high humidity and can be used in immersed applications. **Surecrete** high shear tensile and bond strength make it ideal for areas subject to damp and humid conditions, vibration and thermal movement.

Performance Data

Exceeds the performance requirements of AS2358 and BS5385.

Shear bond strength 2MPa.

Coverage

 (Approximate)

6mm notched trowel 1.8m²/litre
10mm notched trowel 1.5m²/litre

Specification

The ceramic tile adhesive will be a flexible, acrylic, cement additive mixed with **Kemgrip Standard** that conforms to AS2358 and BS5385 and has a minimum shear bond strength of 2MPa such as **Surecrete** manufactured by **Construction Chemicals** and shall be applied in accordance with the manufacturer's application instructions.

Surface Preparation

Surface must be free from dirt, dust, grease and other contaminants. Steel floated concrete floors must be acid etched prior to tiling.

A guide to tile joint sizes

Internal minimum 2mm, external minimum 4mm or as specified by the tile manufacturer and AS3958.1-2007. **Do not** fix tiles with tight joints. When grouting joints of less than 3mm we recommend mixing the grout with **Primebond**. Greater care is needed to place the grout deep into joints before pointing the joints to compact the grout surface.

Mixing

Surecrete replaces water (water must not be added). Mix sufficient to last 30-60 minutes. Allow to stand 5-10 minutes and restir before use. **Surecrete** is mixed with **Kemgrip Standard** for 6mm and 10mm notched trowelled application in the ratio of 1L **Surecrete** to 4kg **Kemgrip Standard**. For 12mm notched trowel or thick bed application mix 1L **Surecrete** with 6kg mortar (2kg cement, 4kg sand).

Application

Irregular or rough surfaces should be levelled with a render coat of 1L **Surecrete** to 2kg cement to 4 parts sand, applied over a bond coat of 1L **Surecrete** to 2kg cement. Apply the adhesive with a notched trowel, 6mm for walls, 10mm for floors, spreading only 1m² at a time and press the dry tiles or slabs firmly into the wet adhesive using a slight twisting motion so no voids appear beneath the tiles. Irregular backed tiles and large tiles or slabs should be buttered flat or covered with adhesive before pressing into the adhesive ribs to ensure complete bond.

Grouting

Grout after adhesive has set, approximately 24 hours (trafficable after 48 hours). Use **Kemgrout** mixed with **Primebond**.

Protective Clothing

This product contains cement and silica and should be applied in rubber gloves, goggles, protective clothing and dust mask.

Shelf Life

2 years

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