

PRODUCT DATA



FM 1696
BS EN ISO 9001:2008

Date: 09 September 2013

Information Sheet No.: TDS00600

SEALCRETE RAPID SET FLOOR & WALL TILE ADHESIVE A READY-MIXED, CEMENT BASED, FLOOR & WALL TILE ADHESIVE

Sealocrete Floor & Wall Tile Adhesive is a heavy duty, cement-based adhesive for use with ceramic floor tiles on concrete, concrete block, cement render and brick. Sealocrete Floor & Wall Tile Adhesive can also be used on plasterboard, chipboard, wood and existing glazed ceramic or vinyl tiles in conjunction with Sealocrete Sealotak SBR bonding agent.

Features

- Suitable for internal & external applications.
- Allows same day fixing and grouting.
- Waterproof & cement based.

Uses

- For fixing ceramic tiles to concrete, concrete block, cement render and brick.

Product Characteristics

Colour Grey.

Form Thick Paste.

Specific Gravity

Composition

Product Code 184411 10kg x 1
184480 20kg x 1

Packaging Trade Size.

Shelf life/storage 12 months when stored in the original unopened containers. Store under dry conditions between 5°C and 25°C.

Drying Time Can be grouted after 24 hours.

Coverage

Fixes up to 8m². Coverage is dependent on the nature of the substrate and the type of tile.

Directions for use

IMPORTANT

Before using this Sealocrete Rapid Set Floor & Wall Tile Adhesive refer to the relevant Health & Safety Data Sheet. Available at www.sealocrete.com named as the code above.

Preparation

1. Surfaces must be dry, clean, sound, rigid and porous.
2. New Concrete should be allowed to dry thoroughly (at least 28 days) before tiling.

Wood, Chipboard, Plywood – for internal use only

3. Securely fasten by screwing at 300mm centres and prime with Sealocrete Sealotak SBR. Bed adhesive into primer whilst the primer is still tacky usually within 20-30 minutes.

Glazed Ceramic, Vinyl Tiles and Brick

4. Abrade surface to ensure mechanical key and prime with 1 part Sealocrete Sealotak SBR to 1 part cement to 1 part sand. Allow 24 hours to cure prior to tiling.

Painted Surfaces

5. Remove all paint prior to tiling.

Mixing

6. Mix approximately 1 part water to 4 parts powder measured by weight (approx. 1 part water to 3 parts powder by volume)
7. Add powder gradually to water.
8. Mix thoroughly to obtain a smooth lump-free adhesive. Leave to stand for 5 minutes and stir again before use.

Date: 09 September 2013

Information Sheet No.: TDS00600

9. Mix enough adhesive for approximately 20 minutes working time.

glazed tiles, dense concrete and timber surfaces.

2. Add 1.25 litres of Flexible Additive to 10kg of Rapid Set Floor & Wall Tile Adhesive, add water and mix to required consistency.

Application

For Thin Bed Application

1. Spread adhesive in an even layer with flat edged trowel to approximately 3mm thick.
2. Lightly score with notched trowel just before pressing tile into place with a slight twisting action to ensure good contact with the adhesive.

For Thick Bed Application

1. Spread mixed adhesive evenly to thickness of approximately 6mm.
2. In damp conditions e.g. patios, swimming pools, showers a solid bed method should be used.
3. Tiles with ribbed, uneven or keyed backs should be "buttered" to ensure all voids are filled.

Grouting

Allow 24 hours for adhesive to cure before grouting with Sealocrete Powder Grout.

Important

1. The addition of Sealocrete Flexible Additive is strongly recommended when:
 - a. Surfaces are subject to slight movement or vibration
 - b. Improved adhesive properties are required, particularly when fixing to dense or impervious surfaces such as

Cleaning

1. Tools should be cleaned with water immediately after use.
2. Whilst it is still wet, surplus adhesive must be removed from surrounds and tiled surfaces.
3. Remove bulk using rubber squeegee.
4. Remove the damp film uncured material using a damp cloth.

Precautions in Use

Sealocrete Rapid Set Floor & Wall Tile Adhesive is not suitable for use with glass, marble, porcelain, natural stone, terracotta or underfloor heating. Drying time will be extended if the product is applied on to non-absorbent surfaces or not in accordance with the instructions, e.g. too thick, aim for a thin solid bed of adhesive. Sealocrete Rapid Set Floor & Wall Tile Adhesive is an aqueous adhesive, which forms strong bonds by evaporation of water. It cannot, therefore, be used to bond ceramic tiles onto impervious surfaces, e.g. plastic underfloor heating pads. Do not tile onto substrates in excessively hot conditions, or when the temperature is less than 10°C.

For health and safety instructions, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for Sealocrete Rapid Set Floor & Wall Tile Adhesive.



**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS00600

Product Description: **F&W TILE ADH RAPID SET**

Product Code: **5011961661006, 5011961662003**

Intended Use: **Fast setting cementitious adhesive for internal and external use**

Manufacturer: **Bostik Ltd**
Contact Address: **Ulverscroft Road
Leicester
LE4 6BW**

System of Assessment: **System 3**

Harmonised Standard: **EN12004:2007+A1:2012**

Notified Body: **The notified body No.NB1289 carried out the determination of the product type on the basis of type testing on samples taken by the manufacturer under system 3 and issued the test report (131338)-5707**

Declared Performance: **C1F**

Essential Characteristics	Performance	Harmonised technical specification
Reaction to Fire	F	EN12004:2007+A1:2012
Initial tensile adhesion strength	≥ 0.5 N/mm²	
Tensile adhesion strength after water immersion	≥ 0.5 N/mm²	
Tensile adhesion strength after heat aging	≥ 0.5 N/mm²	
Tensile adhesion strength after freeze thaw cycles	≥ 0.5 N/mm²	
Open time: tensile adhesion strength	≥ 0.5 N/mm² after not less than 20 min	
Early tensile adhesion strength	≥ 0.5 N/mm²	
Open time: tensile adhesion strength	≥ 0.5 N/mm² after not less than 10 min	
Release of dangerous substances	See MSDS	

The performance of the above product is in conformity with the declared performance as defined under EN 12004:2007 +A1:2012.

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

Signed for and on behalf of Bostik Ltd by:

Name: ..Alison Jamieson.....

Function: ..S.H.E.Q. Manager.....

Signature:  ..

Date: ..11th June 2013.....

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FM 1696
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Date: 09 September 2013

Information Sheet No.: TDS00600

Sales & Technical contacts at Bostik	Telephone	Facsimile	Email addresses
Sales	0844 371 1192	01785 241818	customer.service@bostik.com
Technical advice	0844 371 1197	01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) sheets	01785 272625	01785 212962	stafford.gatehouse@bostik.com

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