



# QUICK SET CTA

Date: 12 July 2016

Fact Sheet No.: D56034S

## YOUR SMART ADVANTAGES

- Suitable for use with under-floor/tile heating.
- Internal/external wall & floor adhesive
- Sets in 2 hours

## USES

Evo-stik QUICK SET is a fast setting wall & floor Tile Adhesive that will set within 2 hours, making it ideal for use in kitchens, bathrooms and areas where quick setting is essential. It is waterproof and frost resistant and suitable for interior and exterior use.

Available in grey for fixing ceramic floor and wall tiles, mosaics, natural stone and lightweight pre-cast brick slips to form a strong bond with solid surfaces. Evo-stik QUICK SET is fully water-resistant; frost resistant; suitable for interior / exterior use and locations which are subject to regular wetting, e.g. showers, wet rooms and bathrooms.

It is recommended for application onto solid masonry surfaces such as cured concrete floors, screeds, over tiles and over floor levelling compounds. On walls it can be fixed to render finishes and solid even concrete block-work & brickwork.

## PRODUCT CHARACTERISTICS

Colour	Grey
Form	Powder
Specific Gravity	1.1 dry, 1.8 when mixed as directed
Composition	Portland cement blend
Product Code	10KG 30810404 20KG 30810406
Storage/Shelf Life	Store for up to 12 months from date of manufacture in original, unopened packaging under cool, dry, conditions within the temperature range of +5°C to +30°C and out of direct sunlight. Protect from frost.

## TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +30°C
Service Temperature	-15°C to +70°C
Coverage	Will cover at a rate of about 4.0kg per sq. mtr for floor tile fixing and at about 2.5 kg per sq. mtr. when fixing wall tiles
Drying Times	Open time is 40 minutes & initial set is 3 hours
Solvent for Cleaning Up	Water

## DIRECTIONS FOR USE

IMPORTANT: Before using Evo-stik QUICK SET refer to the relevant Health & Safety Data Sheet, available at [www.bostik.ie](http://www.bostik.ie)

## PREPARATION

1. The receiving substrates must be clean, firm and free of dust, dirt, oil, grease and loose flaking coatings. They must also be structurally sound and strong enough to support the weight of the tiles being fixed.
2. Evo-stik QUICK SET can be applied to dry or damp surfaces however moisture sensitive materials must be dry and remain dry after fixing. Worn or porous masonry surfaces should be sealed with BOSTIK FLEXIBOND diluted as 1 to 3 with water.
3. Do not apply when working temperature is at or below 5°C and in temperatures above 25°C expect working & open times to be significantly reduced.
4. Do not apply onto bare, un-sealed gypsum plaster or anhydrite floor screeds before first sealing this type surface with two coats of BOSTIK PRIMER.
5. Surfaces such as rutted concrete and masonry block-work, that are rough or uneven should ideally be levelled with Evo-Stik Floor levelling compound and when sufficiently firm (24 – 48 hours later), the application of Evo-stik QUICK SET adhesive can proceed.



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## APPLICATION

1. Evo-stik QUICK SET should be added to water in a clean container whilst mechanically stirring and mixed thoroughly to give a soft, slump-free, easily worked mortar. The recommended mixing proportions by volume are 1 part water to 3 parts powder (approx. 5 litres per 20kg sack). The consistency of the paste can be adjusted with slight additions of water or powder at the initial mixing stage however part-used adhesive should never be "freshened up" with later water additions.
2. Evo-stik QUICK SET will remain useable for about 40 minutes and should not be applied in temperatures below 5°C. In ideal conditions (20°C), this thin-bed adhesive will set after about 2 to 3 hours. Expansion joints should be planned and installed in large floor areas in accordance with BS 5385.
3. For fixing ceramic tiles or mosaics, use a notched trowel to give a ribbed mortar bed on the substrate of no more than 6mm, into which the tiles are firmly bedded with a twist and slide action to ensure full contact.
4. Use a 6mm x 6mm notch at 10mm centres for general wall tiling and 10mm x 10mm notch at 16mm centres for floor tiling. The position of the tiles can be adjusted up to 10 minutes after initial fixing.
5. Open time of the exposed mortar bed is approximately 20 minutes, depending on surface porosity and site conditions. It is recommended that tiles with raised or studded back profiles, (or in situations where dampness is likely after tiling), should be buttered to ensure solid bed fixing.
6. Do not trowel out an area of adhesive greater than can be tiled over within a 10 minute period.
7. Maximum recommended bed depth is 6mm. When fixing moisture sensitive light coloured natural stone, a white fast setting adhesive should be used to promote early drying & strength development

## SURFACE CONSIDERATIONS

### FLOORS

#### New concrete

Before covering and after curing, concrete should be left to dry out by exposure to air for at least 6 weeks. Any falls required in the system should be formed in the new concrete and not the tiling layer.

#### New sand/cement screeds

Before covering and after curing, screeds should be left to dry out by exposure to air for at least 3 weeks. It is recommended that screeds should have a relative humidity level of 75% as tested by an air hygrometer.

#### Existing concrete/screed bases

Existing cementitious substrates should be sound and dry. Any unsound areas should be removed, replaced and treated as a new screed or concrete.

### EXISTING FLOOR TILES

All loose tiles should be removed and hollows filled before tiling. Existing tiles should be thoroughly cleaned and degreased before tiling to remove all contaminants. Consideration should be given to mechanically abrading the tile surface, particularly with quarry tiles, to ensure a good bond can be formed.

### MASTIC ASPHALT

Asphalt must be rigid and solidly fixed. Only internal, flooring grade asphalt should be tiled. Never tile onto external roofing grade asphalt as this will be too soft to acceptably receive tiles. Prime with Bostik Flexibond pre-diluted 1:2 with water.

## CLEANING

1. Uncured product may be removed using cloths lightly dampened with water after carefully scraping off the bulk of the adhesive paste.
2. Cured product can only be removed by mechanical means.

## STORAGE

Store in un-opened bags clear of ground and in cool dry conditions. Protect from excessive draught and use within 6 months.

## PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +353 1 8624998 or visit [www.bostik.ie](http://www.bostik.ie) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet available at [www.bostik.ie](http://www.bostik.ie).

BOSTIK HOTLINE

Smart help +353 1 8624998



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## DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) No 305/2011  
(Construction Products Regulation)

<b>Product Description:</b>	<b>EVO-STIK QUICK SET CTA</b>
<b>Product Barcode(s):</b>	5099414560465, 5099414560472
<b>Intended Use:</b>	Fast setting cementitious adhesive for internal and external tiling on floors and walls.
<b>Manufacturer:</b>	Bostik Industries Limited
<b>Contact Address:</b>	Newtown, Swords, Co. Dublin, Ireland Tel: 00 353 1 8624900 <a href="http://www.bostik.ie">www.bostik.ie</a>
<b>System of Assessment:</b>	System 3
<b>Harmonised Standard:</b>	BS EN 12004:2014 / 1 & 2
<b>Notified Body:</b>	1289

Essential Characteristics	Performance	Harmonised technical specification
<b>Bond strength as:</b> <ul style="list-style-type: none"> <li>Early Tensile adhesion strength</li> <li>Initial Tensile adhesion strength</li> </ul>	>0.5 N/mm <sup>2</sup> >0.5 N/mm <sup>2</sup>	EN 12004-2, 8.3 EN 12004-2, 8.3
<b>Extended open time tensile adhesion strength:</b> <ul style="list-style-type: none"> <li>Tensile strength after 20 minutes open time</li> </ul>	>0.5 N/mm <sup>2</sup>	EN 12004-2, 8.1
<b>Durability for:</b> <ul style="list-style-type: none"> <li>Tensile adhesion strength after heat ageing</li> <li>Tensile adhesion strength after freeze thaw cycles</li> <li>Tensile adhesion strength after water immersion</li> </ul>	>0.5 N/mm <sup>2</sup> >0.5 N/mm <sup>2</sup> >0.5 N/mm <sup>2</sup>	EN 12004-2, 8.3 EN 12004-2, 8.3 EN 12004-2, 8.3
<b>Reduced Slip</b>	<0.5 mm	EN 12004-2, 8.2
<b>Reaction to Fire</b>	NPD	
<b>Release of dangerous substances</b>	See MSDS	

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

Signed for and on behalf of Bostik Ireland Ltd by:-

Name : Brian Monaghan

Signature: 

Date: May 2016



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(Construction Products Regulation)