



CONFLEX

TILE ADHESIVE

31 October 2018

YOUR SMART ADVANTAGES

- Excellent all-rounder
- Commercial Grade
- Suitable for green screeds and aged concrete
- Tile-on-tile most sizes internal (300x300mm external)

DESCRIPTION

Premium rubber-modified tile adhesive designed for demanding or high traffic applications. Excellent all-round adhesive suitable for commercial, high traffic and Tile-on-tile installations.

CLASSIFICATION (AS ISO 13007)

C2	Improved cementitious adhesive
S1	Deformable (flexible)
E	Extended open time (>30 minutes)
T	Slip-resistant

USES

All moisture stable tile types. Suitable tiles include porcelain, ceramic, terracotta, terrazzo, glass and stone.

- General tiling
- When one adhesive is needed for most jobs
- Where a superior bond is needed
- High traffic
- Commercial or domestic
- Concrete
- Render and early age (green) screeds
- Fiber Cement
- Plasterboard
- Approved Bostik waterproofing membranes
- Wall and Floor
- High Traffic
- Commercial
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PRODUCT CHARACTERISTICS

Colour/Appearance	Grey
Bag Size	20kg
Mixed S.G	1.36

VOC %	< 1
US RULE 1168 VOC g/L	< 1
Mixing Ratio	20kg into 5-5.5L
Pot Life	3hrs 22°C and 50% RH
Set Time	6 - 8hrs 22°C and 50% RH

MECHANICAL PROPERTIES

Tensile strength	> 1.0 MPa
After immersion	> 1.0 MPa
Heat ageing	> 1.0 MPa
Freeze/thaw	> 1.0 MPa
Transverse deformation	2.5 - 5mm
Open Time	> 30 mins

DIRECTIONS FOR USE

Read and understand the Safety Data Sheet before using this product.

SURFACE PREPARATION

1. Make sure the substrate has been correctly installed according to relevant standards and manufacturer recommendations
2. Allow for minimum curing time for screeds (1 day) and concrete (7 days)
3. Remove all material that will interfere with bond. These include oils, grease, wax, release agents, curing compounds dust and any loose material.
4. Ensure surface is sound. All weak or friable material must be removed
5. Check the cleaned surface by apply a small amount of water. It will be easily absorbed if porous and bead on the surface if not treat porous surfaces with Multiprime.
6. Most non-porous surfaces may be primed with Bostik PrimeGrip Non-Porous Primer.

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SURFACE PREPARATION Cont.

7. May be used to bond to existing tiles (300x300mm size limit for outdoor applications). Ensure existing tile surface is clean and sound. Remove all cracked, drummy or otherwise unsound tiles and repair appropriately. Due to the possible variables extra surface preparation may be required (incl. mechanical abrasion).
8. Contact Bostik before commencing tiling if there is any doubt about required or suitable preparation.

MIXING

20 kg powder mixes into 5.0 to 5.5 litres of water (1kg into 250 to 275ml of water)

1. Add water to bucket
2. Mix powder into water with mechanical stirring
3. Mix until smooth
4. Allow to stand for 2 minutes and mix again before using

Note: The paste can “wet out” during mixing so make sure that it is mixed sufficiently before adding more liquid. Do not add more liquid after the initial mixing. Discard when the product stiffens in the bucket. Use a drill with suitable mixing paddle designed for the task and do not mix by hand.

APPLICATION

1. Apply to the prepared substrate using a notched trowel. Use a 6mm notch for tiles up to 150x150mm, a 10mm notch for up to 250x250mm and a 12mm notch for 300x300mm tiles. Tiles 400x400mm and larger should be back-buttered in addition to using a 12mm notched trowel
2. Press tiles firmly into adhesive before it skins
3. Apply only up to 1m² at a time to avoid skinning
4. If skinned, re-spread to expose “wet” adhesive
5. Check that at least 80% of the substrate and tile back are in contact with adhesive
6. Discard any material that has hardened before use
7. Allow adhesive to harden adequately before grouting

All workmanship must be carried out in accordance with AS3958.1-2007 and good workmanship practices

COVERAGE

On site coverage will vary widely as it is dependent on a large number of variables. These include but are not limited to: application technique, substrate texture, wastage, trowel angle, trowel wear, contact coverage and flatness. As such the following coverage is intended as a guide only.

As such coverage estimates are inaccurate. It is advised that comparisons between products are based on the mixed volume.

When mixed bag yields 18 to 19 litres	
Approximate Coverage (10mm trowel)	
kg per m ²	m ² per bag
2.8	7.0

GROUTING

Use a suitable ASA grout after the tiles appear firm. Modify grout with Megalastic when tiling is over a flexible substrate or when improved water resistance is required

CLEAN UP

Remove using a wet cloth before the product hardens. If allowed to set it must be removed mechanically

POT LIFE

3 hours at 22°C and 50% relative humidity

SETTING TIME

6 - 8 hours at 22°C and 50% Relative humidity
Pot life and setting times will be influenced by ambient conditions. Shorter pot life and setting times should be expected in warm or dry conditions. Extra care should be in warm or dry conditions to ensure the adhesive has not stiffened significantly before the tiles are applied. Ensure that the open time has not been exceeded. If in doubt discard unused product and prepare a fresh batch.

STORAGE & SHELF LIFE

12 Months when stored off the ground in a cool, dry weatherproof environment

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PRODUCT DETAILS

Code	Name	Size
30840342	CONFLEX NSW	20KG
30840344	CONFLEX WA	20KG

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.com/au for copies.

For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.



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