



EXCELFLEX MY

PREMIUM TILE ADHESIVE
(IMPROVED CEMENTITIOUS ADHESIVE WITH REDUCED SLIP AND EXTENDED OPEN TIME)

KEY FEATURES

- High strength powdered adhesive
- Can be used over Bostik approved waterproofing membrane
- Cost effective
- Water washable
- No odour
- Convenient form
- Excellent rheology & workability
- Easy to spread

DESCRIPTION

Excelflex MY is premium grade of improved cementitious adhesive with reduced slip and extended open time. It is a high strength powdered adhesive for wall and floor applications. Suitable to use over concrete, cement render, screeds, fibrous cement sheeting and Bostik approved waterproof membranes. Excelflex MY is recommended for all internal and external applications. Excelflex MY is ideal for bonding most type of tiles, eg. monocottura, fully vitrified tile, natural stone, marble, granite, glass mosaic and reconstitutes stone, engineer stone, artificial stone and quartz.

CLASSIFICATION / STANDARDS

BS EN12004 CLASSIFICATION

- C2** Improved cementitious adhesive
- T** Adhesive with reduced slip
- E** Adhesive with extended open time

SUITABLE SUBSTRATES

- Concrete
- Cement render
- Brickwork
- Blockwork
- Fibrous cement sheeting
- Bostik approved waterproofing membrane

SUBSTRATE PREPARATION

All surfaces must be clean, dry and free from dust, grease, wax, oil, laitance, curing compounds and all other contaminants that likely to affect the adhesive bonding. Highly porous substrates must be primed with Bostik Hydroment 425 prior to tiling. Concrete should be allowed to cure for at least 28 days and cement render 7 days prior to tiling. A wood float finish is

PERFORMANCE PROPERTIES

Typical properties conducted at 22°C and 50% RH

Appearance	Cementitious grey or white powder
Wet Density	approx. 1.50 g/cm ³
Mixing Ratio 25 kg powder	6.75 to 7.0 litres of water
Pot Life	2 hours
Open Time	30 minutes
Setting Time	24 hours
Tensile Strength	> 1.0 MPa
After Immersion	> 1.0 MPa
Heat Ageing	> 1.0 MPa
Slip	≤ 0.5 mm
Open Time at 30 minutes	> 0.5 MPa

preferred. Smooth steel trowel finished concrete must be mechanically abraded to increase adhesion. If apply on waterproofing surface, the waterproofing membranes must have dried in accordance with manufacturer's instruction.

EXPANSION JOINTS

Movement joints must be incorporated in the tile layout in accordance with AS 3958.1-2007 clauses 5.4.5.1 to 6

MIXING

25 kg of Excelflex MY powder requires approximately 6.75 to 7.0 litres of clean water.

Add the measured amount of clean water into a clean container and gradually pour Excelflex MY into the water while continuously mix using electric paddle mixer. Eliminate lumps. Mixed thoroughly until homogeneous, thick toothpaste consistency is obtained. Let it stand for 2 minutes and mix again. The adhesive is now ready to use.

APPLICATION

Apply the mixed adhesive to the prepared substrate using the appropriate notched trowel for the size of tile being laid. Ensured that the bedded tiles are fully supported by the adhesive with no voids underneath or behind. Lay tiles onto the adhesive before it skins. The adhesive may also need to be applied to the back of the

tiles to accommodate the required levels. Do not disturb tiles until the adhesive has dried. Commence grouting after 24 hours when tile work is firmed.

LIMITATION

- Not suitable for tiling directly onto timber substrates
- Not recommended for metal or plastic substrates

GROUTING

Use appropriate Bostik tile grout. Allow joint widths of 1.5 mm to 6 mm for walls and 3 mm to 6 mm for floors as per AS 3958.1-2007 clauses 5.4.6.

P.A.T.S. (PRE-TESTED ADHESION TO SUBSTRATE)

Bostik offer a service in which to eliminate potential field problems by pre-testing Bostik adhesives with building materials to which the adhesive will be applied. This service is available on large projects where pre-application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult Bostik Representative for further information.

COVERAGE

25kg bag cover :

approx. 7.1 m², 3mm thickness

approx. 3.5 m², 6mm thickness

approx. 2.6 m², 8mm thickness

* Actual site coverage may vary with different type of substrate, tiles, thickness and application method.

PACKAGING

25 kg paper bag.

CLEAN UP

Excelflex MY can be removed from the surface of the tiles using a damp cloth while the adhesive is still wet. Tools and equipment can be cleaned with water before adhesive dried.

STORAGE AND SHELF LIFE

Store all materials in a cool dry place, in an elevated condition. Unopened bags can be stored up to 12 months if store in recommended condition.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advise offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

HEALTH AND SAFETY

This product is non-toxic but contains cement. Bostik recommend the use of dust masks, eye protection and wearing of gloves when handling this product. Use good occupational health and safety practices to avoid personal contact. For more detailed information, refer to product SDS.



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Eco-Friendly Building Material

BOSTIK HOTLINE

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This product previously known as Excelflex.