



Bostik A175 Adhesive and Grout

A READY MIXED, WATERPROOF, WATERBASED ADHESIVE & GROUT

Date: 06 May 2020

Fact Sheet No.: TDS01962

YOUR SMART ADVANTAGES

- Mould resistant two in one formulation
- For areas subject to frequent wetting and condensation
- Ideal for kitchens and bathrooms

USES

Bostik A175 Adhesive and Grout is mould resistant wall, suitable for use in areas subject to frequent wetting and condensation. Tile Adhesive & Grout is an easy to use, brilliant white, ready-mixed ceramic wall tile adhesive & grout. Suitable for use in kitchen and bathroom areas subject to frequent and prolonged wetting and for domestic shower walls when applied by the solid bed method. Bostik A175 Adhesive and Grout is suitable for use with surfaces such as cement rendering, plaster, plaster-board and old glazed tiles.

PRODUCT CHARACTERISTICS

CE Classification	D2TE
Colour	Brilliant White
Form	Structured paste
Specific Gravity	1.8 approx.
Composition	An acrylic aqueous emulsion with inorganic extenders.
Product Codes	30610155 5L 30610156 10L

Storage/Shelf Life

Store for up to 24 months from date of manufacture when stored 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 +35°C		
Service Temperature	-20°C to +70°C		
Open Time	20 minutes at 20°C		
Coverage	Sizes	Notched Trowel	Solid Bed
	5L	4.2m ²	2.6m ²
	10L	8.4m ²	5.3m ²
Grouts up to 6m ² per litres			
Coverage is dependent upon the nature of the substrate, the adhesive bed thickness, the tile dimensions and the width of the grout joints.			
Drying Times	As Adhesive: 24 hours at 20°C on standard backgrounds. 72 hours at 20°C on impervious backgrounds. As Grout: 24 hours.		

DIRECTIONS FOR USE

IMPORTANT: Before using Bostik A175 Adhesive & Grout refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk.

PREPARATION

1. Surfaces must be rigid, dry, flat, clean, and free from paint, grease, dust or any loose flaky material.
2. Remove wallpaper, other paint and any other weakly bonded finishes.
3. Prime plaster with a diluted Bostik Flexibond 1 part Flexibond to 2 parts water. Allow to dry until a dry film has formed. Drying time will be dependent upon ambient conditions.
4. Loosely nail a wooden batten horizontally to the wall at least one tile height from the lowest point you are tiling to e.g. skirting board. Use a spirit level to ensure batten is level.
5. Try to ensure that it is not necessary to cut thin pieces of tile above or below the batten as this can look untidy. If possible, cut tiles should be placed in corners and edges where they are not so noticeable.
6. Measure tile widths across the batten then mark a vertical line with a plumb line down the centre of the area to be tiled. Mark the wall behind the string line and loosely nail the wooden batten vertically to the wall along the marks. Check the batten is vertical with the spirit level.

APPLICATION

7. Do not apply at temperatures below 5°C

Notched Trowel Method (dry areas):

8. Spread the adhesive onto the wall with a plane trowel, or float, to a depth of 3mm.
9. Spread only sufficient material for about 20 minutes tiling work, i.e. about 1m², less in higher ambient conditions.
10. 'Comb' the adhesive immediately with a notched trowel, e.g., one having 6mm x 6mm notches at 12mm centres.
11. Press the dry tiles with a slight twisting action into the adhesive.
12. It is recommended to occasionally lift a tile to check that adequate contact and wetting out is being achieved. Most of the back of each tile should be in good contact with the adhesive.
13. Continue tiling in small areas finishing with the bottom row. Ideally cut tiles should be located at the edges. Remove the batten and fix the final row of tiles.

Solid Bed Method (wet areas):

14. For areas that will be frequently wet, including shower walls, the adhesive should be spread on the background to a depth of 3mm, and then 'combed' very lightly, simply as a means of levelling any projections.
15. The dry tiles should then be pressed into the adhesive bed, ensuring no voids are left behind them.

Spacing of Tiles:

16. Tile joints for standard tiles should be a minimum of 2mm with guidance taken from the grout being used for maximum space. The joint should be left around each tile by the insertion of tile spacers during fixing. When tiling mosaics joint gaps may vary dependent on style of mosaics used. Please follow manufactures recommendations.
17. Ceramic tiles should never be fixed with tight joints.
18. Minor adjustments to the position of a tile may be made up to 5 minutes after the application.
19. Tile spacers may be carefully removed approx. 1 to 2 hours after application, when the adhesive has dried sufficiently.

Plasterboard:

20. Ensure that boards are dry, securely fixed and rigid, and the face intended to receive the decorative finish is exposed. Plasterboard should be screwed into the supporting joists at maximum 300mm centres. The weight of the tiling should not exceed 32kg/m². Plasterboard is sensitive to water and in wet areas care should be made to prevent water ingress. In this situation we would recommend tanking out the installation with a Watertite Tanking & Wetroom Kit. A polymer modified cement based adhesive such as Bostik MC310 One Part Flexible must then be used.

Tile Backerboards:

21. Ensure that boards are securely fixed and rigid. Boards should be screwed to the supporting joists at maximum 300mm centres vertically and horizontally. Do not seal or prime surfaces to be tiled. When using paste adhesives on impervious backgrounds grouting should be deferred for as long as possible to allow the moisture from the adhesive to dry out through the joints. Alternatively, use a polymer modified cement based adhesive such as Bostik MC310 One Part Flexible.

Existing Tiling:

22. Existing tiles must be firmly fixed to their bed and the bed and original substrate must be sufficiently strong to support the weight of new tiling. Tiles should be thoroughly cleaned to remove any oils or greases that may prevent good adhesion. Any loose or hollow sounding areas must be removed and made good before tiling. When using paste adhesives on impervious backgrounds and large format tiles grouting should be deferred for as long as possible to allow the moisture from the adhesive to dry out through the joints. Alternatively, use a polymer modified cement based adhesive such as Bostik MC310 One Part Flexible.

Painted Walls:

23. Any painted surface where tiling would be required should have any loose and flaking paint removed. One way of checking if paint is sound is by applying a self-adhesive tape directly on the clean dry paint surfaces. After 10 minutes remove the tape. If any paint is removed with the tape, the paint is not suitable to be

tiled over. Remove all unsound paint mechanically. Do NOT use paint strippers. Please note when tiling on to paint drying times will be extended. It is recommended to leave adhesive to dry for a minimum of 3 days before grouting..

Swimming Pools:

24. Not suitable for swimming pools.

Drying Times:

25. Leave the tiles for at least 24 hours before grouting to ensure the adhesive is dry. Impervious/non-porous backgrounds may need up to 72 hours under good drying conditions.

GROUTING

26. Working in areas of 0.5m² apply grout firmly into the tile joints using the grouting edge of the spreader and remove any excess immediately from the face of the tiles.
27. As a section is grouted return to the previous area and gently wipe along the joint with a damp sponge to smooth and compact the grout.
28. Keep cleaning the tiles avoiding the grout with a moist cloth to ensure all films of grout are removed.
29. Polish the completed work with a clean, dry cloth. Tiled areas subject to direct wetting, e.g. showers, should be left to dry for 7 days before being used.

CLEANING

30. Whilst it is still wet, surplus adhesive must be removed immediately from surfaces using a damp cloth.
31. Clean tools and equipment immediately after use with warm water. As the adhesive dries to a water resistant residue, an abrasive pad may be found to be of assistance.

PRECAUTIONS IN USE

Bostik A175 Adhesive & Grout is not suitable for areas of continuous immersion, e.g. swimming pools. Do not apply in temperatures below 5°C. When applied in areas subject to frequent or prolonged wetting, the background must be water resistant.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk 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 for Bostik A175 Adhesive & Grout, available at www.bostik.com/uk.

BOSTIK HOTLINE

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**CONSTRUCTION PRODUCT REGULATION
DECLARATION OF PERFORMANCE**

No: TDS01962

Product Description: **Bostik A175 Adhesive & Grout**

Product Code: **5010591002340, 5010591002357**

Intended Use: **Improved dispersion adhesive with extended open time and reduced slip for internal tiling**

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)-5697 , 143695-18526 and 155391-30915**

Declared Performance: **D2TE**

Essential Characteristics	Performance	Harmonised technical specification
Reaction to fire	F	EN12004:2007+A1:2012
Initial Shear adhesion strength	≥ 1 N/mm ²	
Shear adhesion strength after heat aging	≥ 1 N/mm ²	
Adhesion strength after water immersion	≥ 0.5 N/mm ²	
Adhesion strength at elevated temperature	≥ 1 N/mm ²	
Slip	≤ 0.5 mm	
Extended open time: tensile adhesion strength	≥ 0.5 N/mm ² after not less than 30 minutes	
Dangerous substances	See MSDS	

The performance of the product Bostik A175 Adhesive & Grout is in conformity with the declared performance shown in the table above.

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: April 2014

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