

# Adhesive Information Page

We are frequently asked to recommend suitable adhesives to bond Resistant MgO building boards to a very wide range of other materials. There are countless products on the market which may be suitable but obviously it is impossible for us to have tested with them all. Before proceeding to bond to Resistant MgO boards, technical advice should be sought from the adhesive manufacturer and the undertaking of a site trial is highly recommended. The adhesives below have been extensively tested by the manufacturers at their own test houses and / or proven compatibility with our boards on previous projects.

## Urban Surface Protection "Brick-Fix 31" & "Brick-Fix 31 - A2 Firebond"



A two part, easy to mix, VOC free, epoxy adhesive with BBA Certification for bonding brick slips to concrete, steel and GRP substrates. "Brick-Fix 31" has proven during in-house testing at USP to achieve exceptional bond strength between the Resistant range of MgO building boards and various common construction materials.. Also available in "A2 Firebond" version, the BS/EN 13501-1 Reaction to Fire Classification A2-s1, d0 tested at Warrington Fire meets the accepted level of performance for use in high rise construction projects.

Urban Surface Protection adhesives can be sourced direct from the manufacturer and despatched next day for delivery throughout the UK & Ireland, or for our customers convenience, full pallet quantities can be ordered through Resistant Building Products Ltd.

**Urban Surface Protection Ltd, Daisey Dene, Inglewhite Road, Preston, PR3 2EB.**  
**Sales & Technical Support Mike Dempsey: T 07549 290490 E: [info@urbansurfaceprotection.co.uk](mailto:info@urbansurfaceprotection.co.uk)**

## Building Adhesives Ltd "BAL Epoxy AG"



A two-part, high strength epoxy adhesive which exceeds BS EN 12004 R2 (Reaction Resin with improved characteristics). For applications in which cement based adhesives do not have chemical resistance or where increased adhesion strengths with difficult to bond surfaces are required. In house testing, following the method of BS EN 1348:2007 was performed by BAL Technical Services to measure the strength of bond achieved between Resistant 12mm MgO board and a sample of Corian. The bond strength achieved between the materials tested was too high to measure accurately but in all samples was found to be  $>2.7\text{Nmm}^2$ . No evidence of any adhesive staining through the Corian was observed during testing.

All BAL products are supplied with a 25 year product guarantee to be free from manufacturing defects and to be fit for purpose.

**BAL products are readily available from a nationwide network of stockists.**  
**BAL Sales: T 01782 591160 BAL Technical T: 01782 591120 [www.bal-adhesives.com](http://www.bal-adhesives.com)**

## MINKON Fortafix "Ceramik" TC Caulking Compound

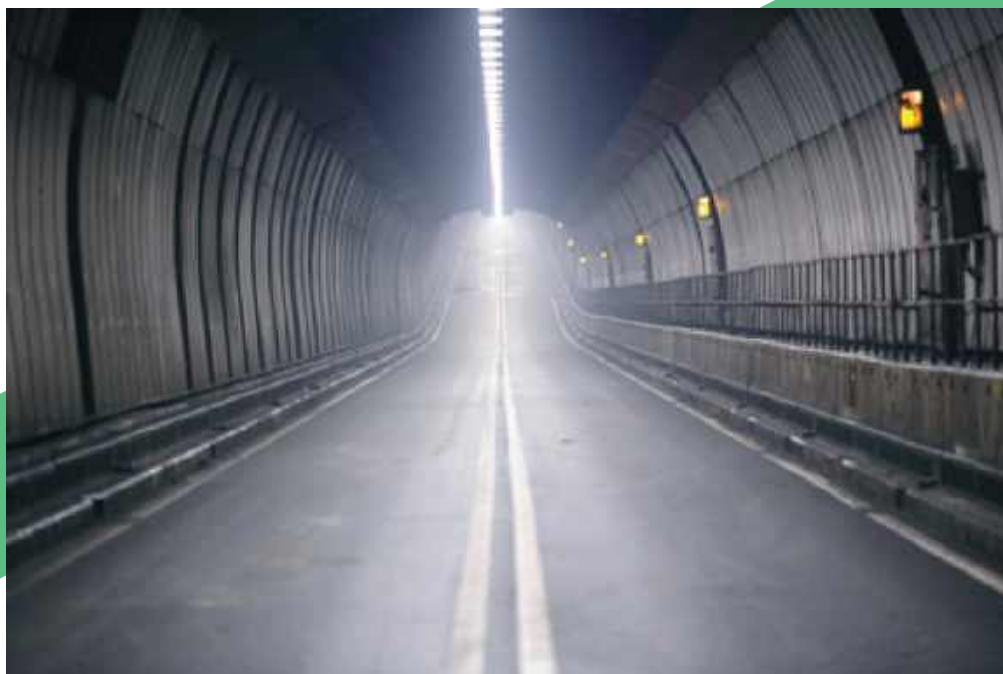
Typically specified as a high temperature adhesive and sealant where resistance to the spread of flame is required this water based Thixotropic Ceramic (TC) is suitable for bonding Resistant MgO boards to numerous surfaces including ceramics, stone and metals. It will also form a rigid seal around solid fuel stoves and flue pipes.

This product was selected to bond Resistant Multi-pro boards to the reverse of steel plates which line the Dartford Tunnel. Case study details can be found at

[www.resistant.co.uk/case-studies/dartford-tunnel/](http://www.resistant.co.uk/case-studies/dartford-tunnel/)



A brand of MINKON



Originally founded in 1954, the Fortafix brand was acquired by Minkon Ltd in 2008. Minkon are a long established international company specialising in the supply of products for high temperature and fireproof applications.

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