

TECHDATA

Technical Data



Risk Register - Product Guarantee Insurance

Policyholder: Vanguard Fixings Ltd &/or Woodall Fastening Systems Ltd &/or H. Schreiber Ltd &/or Tech Fasteners Ltd
Business / Occupation: Supply of Metal Fixing Screws
Correspondence Address: Vanguard House
 Empress Road
 Southampton
 SO14 0JY
Telephone Number: 023 8063 2142
Client Number: 811

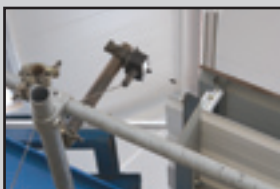
Class of Insurance: Product Guarantee, Financial Loss & Product Recall
Period of cover: Reviewed Annually
Insurer: Various Lloyds Syndicates at Lloyds (see below) via Willis Ltd
Policy Number: 576/OKB4709/152

The following details are based on information that you have provided and on which basis covers have been arranged with underwriters. Please advise us immediately if the details contained herein are inaccurate in any way, including adequacy of sums insured as in the event of a claim insurers may adjust any claims settlement figure proportionate to the amount underinsured.


Please remember insurance contracts are contracts of utmost good faith. This imposes a continuing duty on you to disclose all material facts when seeking insurance or changes in material facts when renewing and during the lifetime of the policy, including changes that occur between receipt of a quotation and finalising placement or renewal. Failure to do so may render the insurance void or voidable. If you are in any doubt what constitutes a material fact please contact us.

All policies contain conditions dealing with the notification of claims which you should familiarise yourself with. As a minimum you are required to report any event that might result in a claim and all subsequent developments as soon as possible. Some events / policies may have more specific time limits.

This is a summary of cover only, for full details of cover including terms conditions warranties and exceptions please refer to insurers policy documentation.




Your partner in
materials & technology



CERAM
Queens Road, Penrhyn
Stoke-on-Trent
ST4 1JG England
Tel: +44 (0)182 746476
Fax: +44(0) 182 492301
Email: enquiries@ceram.com
www.ceram.com/building


TEST REPORT

Title	:	Testing of Woodall Fastening Systems Ltd 200mm tall bar and bracket System
Laboratory No	:	BT07431TJB
Client	:	 Woodall Fastening Systems Unit 30 Navigation Drive Hurst Business Park Brierley Hill West Midlands DY5 1UT
For Attention of	:	Mr Karl Harris
Your Reference	:	200mm Tall Bar and Bracket System
Our Reference	:	H/Shared/Booth/BT07431TJB
Authorised by	:	J Booth
Issued Date	:	28 th August 2007

Page 1

This report is issued in accordance with the testing services of CERAM Research Limited. And states only the test results tested. No responsibility is taken for the accuracy of the sampling unless this is stated within our own documentation. This report shall not be reproduced or used without the written approval of CERAM Research Limited. Our advice is only valid as to date of implementation of the results of our inspection.

Registered in England No. 1046483. Registered Office as above.



Test Report Summary for Woodall Fastening Systems

Scope of Report
 This Report Summary has been prepared by Bodycote warringtonfire and is a summary of the test report referenced below. Full details of the construction, the test procedure and the test results are given in that report.

This summary sheet covers the Woodall Fastening Systems built up external wall system incorporating the Woodall Fastening Systems bar and bracket system as previously fire tested by Bodycote warringtonfire, generally in accordance with Clause 5 of BS 476: Part 22: 1987.

The assembly has been tested and assessed (by addendum to the test report) to be capable of providing an integrity performance of 264 minutes and an insulation performance of 30 minutes.

Test Report Reference	Test Date
WF Test Report No. 169540	11 th January 2008

Table 1 - Tested Assembly Dimensions		
Assembly Height (mm)	Assembly Width (mm)	Assembly Depth (mm)
3000	3000	165

Table 2 - Fire Resistance Performance in Accordance with BS 476: Part 22: 1987		
Integrity	Insulation	Test Duration
264 minutes*	30 minutes**	264 minutes

*No failure for the test duration. **Assessed by addendum.

Table 3 - Brief Details of Specimen Construction			
Internal Liner Sheets	Internal Components	Core Insulation	External Weather Sheets
Plastisol painted galvanized steel 2985 mm high by 1000 mm cover width by 0.4 mm thick	Woodall Fastening Systems Bar and Bracket System	Rock fibre cladding roll 160 mm thick by 23 kg/m ³ density	Plastisol coated galvanized steel 2985 mm high by 1000 mm cover width by 0.5 mm thick

The report Summary is based upon a test report, as referenced above, prepared by Bodycote warringtonfire. Full details of the construction, the test procedure and the test results are given in that report. The test report does not provide an endorsement by Bodycote warringtonfire of the performance of the actual products supplied.

This report summary has been compiled between Bodycote warringtonfire and Woodall Fastening Systems. It is intended to provide a brief outline of the above referenced test report and not to replace it.

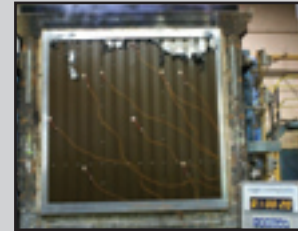
Full copies of the test report may be obtained from:
 Woodall Fastening Systems, Unit 30 Navigation Drive, Hurst Business Park, Brierley Hill, West Midlands, DY5 1UT
 Tel : 01384 263900
 Fax : 01384 263908



FIREWALL AFTER 29mins



FIREWALL AFTER 38mins



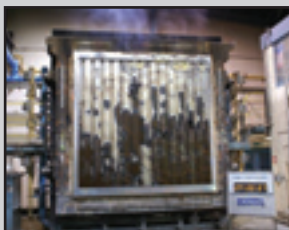
FIREWALL AFTER 1hour



FIREWALL AFTER 1.47hour



FIREWALL AFTER 2.31hour



FIREWALL AFTER 4.00hour



FIREWALL AFTER 4.24hour



FIREWALL AFTER END OF TEST

assessment report

Title:

The Fire Resistance Performance of Lightweight Steel Wall Assemblies Incorporating the "TechBar" Support Bar System

Report No:

169545

Prepared for:

Woodall Fastening Systems Ltd

Unit 30, Navigation Drive,
 Hurst Business Park,
 Brierley Hill,
 West Midlands
 DY5 1UT



WOODALL BS
BUILDING SYSTEMS

Woodall Building Systems
Unit 18B Brewins Way, Off Narrowboat Way,
Hurst Business Park, Brierley Hill,
West Midlands, DY5 1UY. England
Tel: 01384 473500 Fax: 01384 484097
Email: fabs@techscrew.com
www.techscrew.com



TECH
FASTENERS

Tech Fasteners Ltd.
Unit 18/2, Clondalkin Industrial Estate,
Dublin 22, Ireland
Tel: 00 353 1 4573300
Fax: 00 353 1 4570470
Email: sales@techfasteners.ie
www.techfasteners.ie



WOODALL FS
FASTENING SYSTEMS

Woodall Fastening Systems
Unit 30, Navigation Drive, Hurst Business Park,
Brierley Hill, West Midlands. DY5 1UT. England
Tel: 01384 263900 Fax: 01384 263908
Email: wfs@techscrew.com
www.techscrew.com