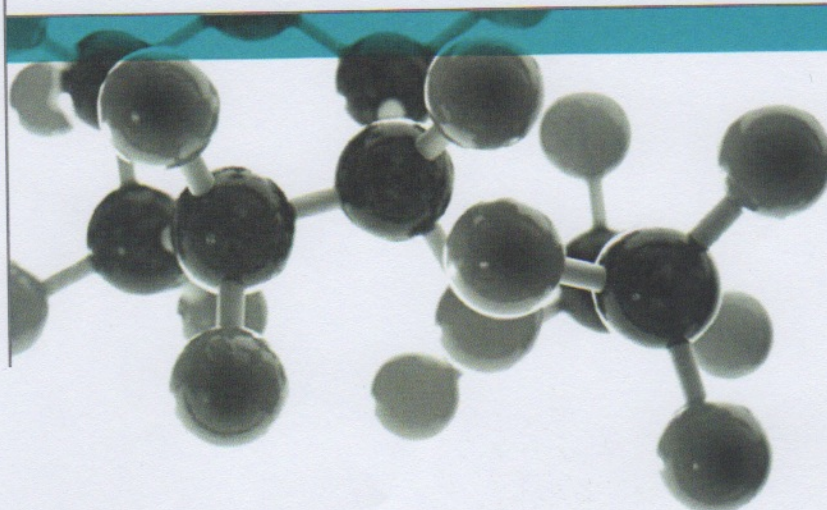


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BS EN 1935:2002



Building Hardware – Single axis hinges

A Report To: Eurolever Architectural Hardware Limited
2 Charles Street
London
W1J 5DE

Document Reference: WIL324266

Date: 07 January 2013

Copy: draft

Issue No.: 1

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Testing
Advising
Assuring

Registered Office: Exova (UK) Ltd, Lochend Industrial Estate, Newbridge, Midlothian EH28 8PL United Kingdom. Reg No.SC 70429
This report is issued in accordance with our terms and conditions, a copy of which is available on request.



0621

TEST CONCLUSIONS

Samples of: Butt Hinges

Manufacturer : Eurolever Architectural Hardware Limited

Product : Butt Hinges

Model : Ref.5

Size : 101 mm x 75 mm x 3 mm

have been tested in accordance with:

BSEN 1935: 2002 (Building hardware – Single-axis hinges.)

by Exova Warringtonapt [a UKAS accredited Testing Laboratory (No. 0621).and EC Notified Body number 1104]

At Key Industrial Park, Fernside Rd., Willenhall, West Midlands. WV13 3YA.

Results as detailed below:

| Clause No. | Description | Compliance |
|-------------------|---|------------|
| 5.1 / 6.4 / 7.1.2 | Initial measurements | Yes |
| 5.2.1 / 7.3.2 | Load deformation test | Yes |
| 5.2.2 / 7.3.3 | Overload test | Yes |
| 5.3 / 7.4 | Shear strength | Yes |
| 5.4 / 7.5 | Endurance test | Yes |
| 5.5 / 7.1.5 | Corrosion resistance | Yes |
| 5.6 / Annex B | Extra requirements for Fire-resistant doors | Yes |
| 5.7 / Annex C | Extra requirements for burglary-resistant doors | N/a |
| 5.8 | Families of hinges | N/a |
| 8 | Marking | Yes |

Classification

| Model No. | Category of duty | Number of test cycles | Test door mass | Fire resistance | Safety | Corrosion resistance | Security | Hinge grade |
|-----------|------------------|-----------------------|----------------|-----------------|--------|----------------------|----------|-------------|
| Ref 5 | 4 | 7 | 6 | 1 | 1 | 4 | 0 | 13 |
| | | | | | | | | |

No inferences can be made regarding performance against other requirements of this standard

NOTE.

Tests marked "Not UKAS Accredited" are not covered by the Laboratory UKAS accreditation schedule.

Tests marked "NA" are not applicable to the type of device under test.

Tests marked "NT" not be applied to the device under test.

AUTHORISATION

| |
|--|
| Tests performed by: Alan Fairfield – Test Engineer |
| Report issued by: Alan Fairfield – Test Engineer |
| Signed <i>Alan Fairfield</i> |
| Date 3 rd January 2013 |
| For and on behalf of Exova Warringtonapt |
| Report authorised by : Ian Keeling – Business Unit Manager |
| Signed <i>Ian Keeling</i> |
| Date 3 rd January 2013 |
| For and on behalf of Exova Warringtonapt |
| Report issued: 07 January 2013 |



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NOTE.

Tests marked "Not UKAS Accredited" are not covered by the Laboratory UKAS accreditation schedule.

Tests marked NT were not tested

Tests marked NA are not applicable to the product on test.

The laboratory has tested the products supplied by the client as sampled in accordance with their own requirements

Exova Warringtonapt is an EC Notified Body Number 1104

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Document No.: WIL324266
 Author: Alan Fairfield
 Client: Eurolever Architectural Hardware Limited

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 Issue Date: 07/01/2013
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