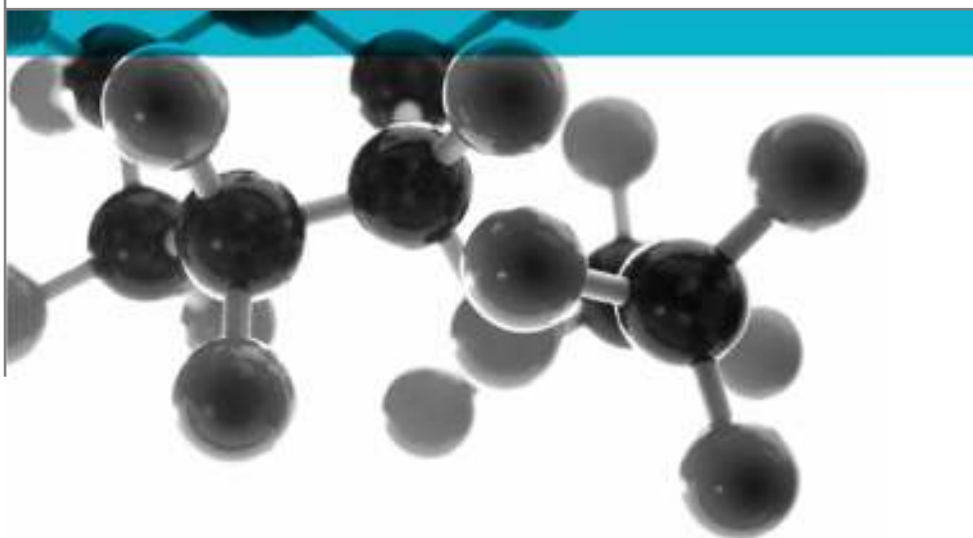


DHF Technical Specification TS001:2013 Enhanced Requirements & Test Methods For Anti-Ligature Hardware



A Report To: Dortrend International Ltd
Riverside Business Centre,
Worcester,
Stourport-on-Severn,
Worcestershire
DY13 9BZ

Date: 23.08.16

Copy: 1

Issue No.: 1

Page 1

Document Reference: WIL 370962

TEST CONCLUSIONS

Samples of:

Product: Trickle Vent
Manufactured by: Dortrend International Ltd
Model: ANTTRIVSSS

have been tested in accordance with:

DHF Technical Specification TS001:2013
Enhanced Requirements & Test Methods For Anti-Ligature Hardware

By Exova (UK) Ltd
At Key Industrial Park, Fernside Rd, Willenhall, West Midlands, WV13 3YA.

Results as detailed below:

Clause No.	Description	Compliance
6.1	Fixed anti-ligature hardware- grade 3	Yes
6.2	Load Release anti-ligature hardware- grade 3	Yes
8	Marking	Yes

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

AUTHORISATION

Tests performed by: Ryan Jackson – Trainee Test Engineer

Report issued by: Ryan Jackson – Trainee Test Engineer

Signed



Date 23.08.16

For and on behalf of Exova (UK) Ltd

Report authorised by: Nathan Pilsbury – Hardware Laboratory Manager

Signed



Date 23.08.16

For and on behalf of Exova (UK) Ltd

Report issued: 23 August 2016

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 product supplied by the client as sampled in accordance with their own requirements

Exova (UK) Ltd is an EC Notified Body Number 1104

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TEST DETAILS

CLIENT DETAILS

Company name	Dortrend International Ltd
Address	Riverside Business Centre Worcester Stourport-on-Severn Worcestershire DY13 9BZ
Contact	Mr Oliver Dean

ORDER DETAILS

Order number	213084
Dated	16.08.16

SAMPLE DETAILS

Product	Vent
Model	Trickle Vent
Markings	None
Manufacturer	Dortrend International Ltd
Date of Manufacture	Unknown
Other information	None

TEST DETAILS

Test reference nos.	WIL 370692
Date sample received	10.08.16
Date test started	15.08.16
Date test completed	15.08.16
Specification tests conducted to	DHF TS001:2013 Enhanced Requirements & Test Methods For Anti-Ligature Hardware
Grade	B3
Special Test requirements	None

INITIAL OBSERVATIONS



TEST RESULTS

Clause No.	Detail	Requirement	Test Result	P = Pass F = Fail
7.1	Hardware Removal	The anti-ligature device, including any associated mounting device, shall be installed on a test block in an orientation representing its intended use (eg: for a hinge, the door shall be in the closed position). Attempts to unscrew the hardware shall be made using the following tools with a maximum torque of 6Nm applied: steel dining implements, a selection of flat blade screw drivers, Phillips and posi-head screw drivers, one set of metric and one set of imperial Allen keys, for a total of 10 minutes. All implements or tools used shall have a maximum length of 250mm.	Not possible to unscrew any of the device fixings	Pass
7.2.1.3	Type B-Vertical direction devices	The device is to be mounted in accordance with the manufacturer's instructions, the test wire shall be tied around the device as close as possible to the mounting fixture. For each test, starting with grade 1, the test will be tied in a slip knot. The required test load 0.475kg shall be applied in a downward direction only Grade 1 4mm wire Grade 2 2mm wire Grade 3 1mm wire Grade 4 0.5mm wire	1mm diameter test wire used & the test load did not remain attached	Pass
7.2.1.4		Test C shall be repeated using wetted cotton sterile dressing attached to the test specimen by tourniquet action.	Not possible to attach wetted cotton	Pass

Classification achieved

Clause No.	Classification
5	B3

Marking

Clause No.	Detail	Requirement	Test Result	P = Pass F = Fail
8	Marking	The following information shall be shown on product, labelling, packaging or literature Manufacturers name or trademark Clear product identification Classification according to clause 5 Number and Date of this standard Date or Code relating to date of manufacture	Written confirmation supplied by the manufacturer	Pass

Observations and comments

The Dortrend Trickle Vent has successfully passed to Grade 3 of TS 001:2013 as it was not possible for a load of 0.475kg to be attached using 1mm diameter wire.

- End of report -