



Bureau Veritas Consumer Products Services UK Ltd

TEST REPORT

REPORT REF: TR6050/291025C **SAMPLE RECEIVED:** 23 September 2024
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SAMPLE DESCRIPTION: Easycleat Device – D-clip **P.O. No.** ST/PN/072024
ShadeTECH Ltd

APPLICANT: Unit 5, Stonehall Business Park, Shannon, County Clare, Ireland, V95T992

FAO: Patrick Naughton

REPORT SUMMARY:

| TEST | METHOD |
|---|---|
| Strength test to determine the effectiveness of the adhesive against various surfaces | BS EN 16434:2014, Internal blinds – Protection from strangulation hazards – Requirements and test methods for safety devices, clause 6 only, excluding all conditioning |

CONCLUSION: The samples tested did not perform satisfactorily when strength tested on the smooth tile, as detailed in the following test report

Signature

Chris Hart, Technical Services Manager – Hardlines
AUTHORISED SIGNATORY

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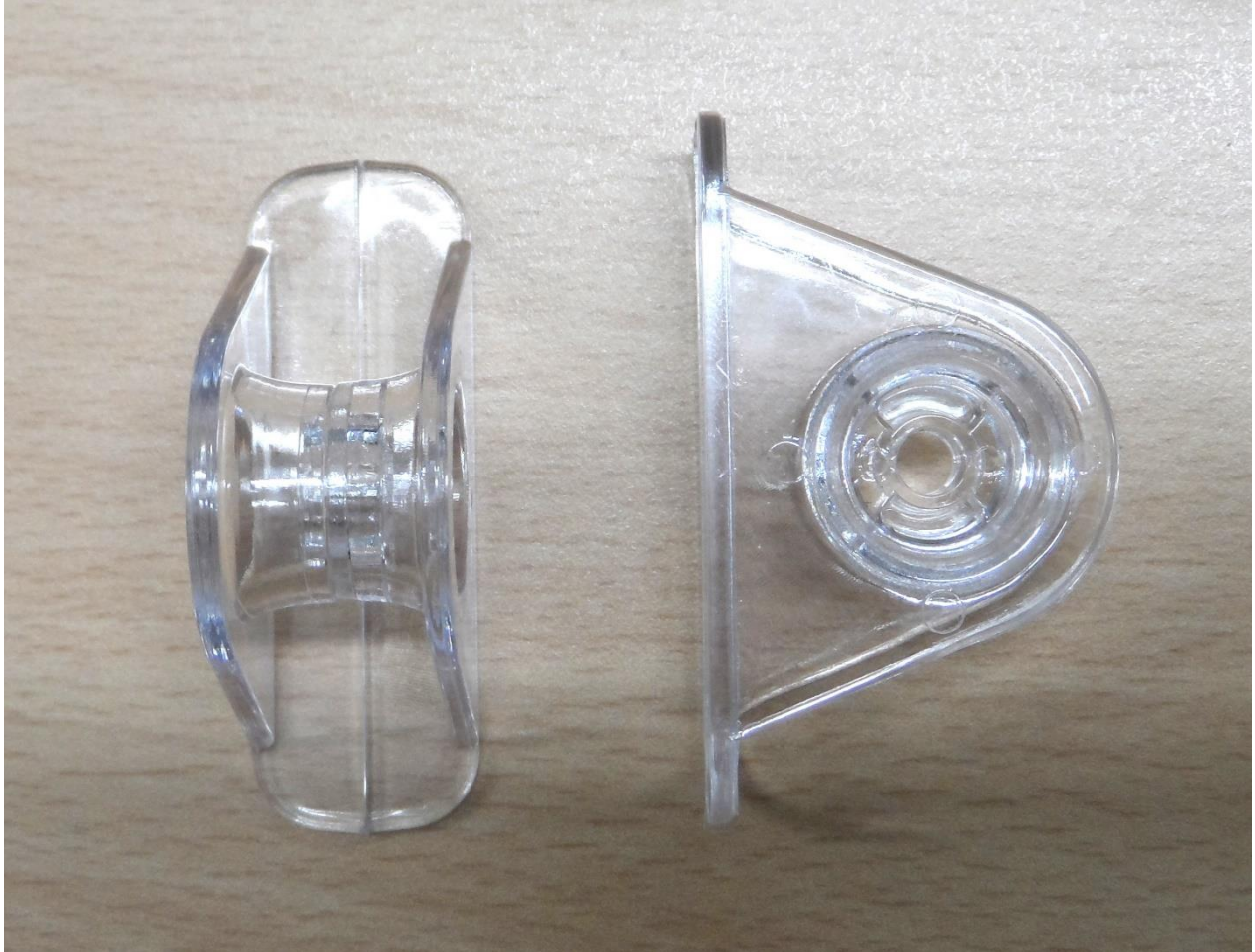
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SAMPLE IMAGES:



D-clips



Roller blind used for D-clip testing



INTRODUCTION:

An examination was requested to test the sample as detailed on page one of this test report. The samples were examined before testing and no defects were noted. The tests and the results obtained are detailed below:

TEST RESULTS:

BS EN 16434:2014

Summary of Examination:

| Clause | Description | Result | Comments |
|----------|--------------------------|--------|------------|
| 6 | Tensioning device | - | - |
| 6.1 | General | - | See note 1 |
| 6.2 | Test method | DATA | See note 2 |

Notes

| | |
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| 1 | <p>In a deviation from the standard, testing was conducted on samples in their original condition only. The testing was conducted as follows:</p> <p>The client submitted four test surfaces along with sufficient quantities of alcohol wipes and samples of D-clips.</p> <p>The D-clip was mounted onto the test surface after the contact surfaces of both the D-clip and the test surface were cleaned with alcohol wipes. The D-clip and test surface were positioned adjacent to the mounted Roller blind, but at the maximum possible distance from the headrail, so that the cord-loop could be inserted into the D-clip with the cord-loop remaining taut.</p> <p>After a curing period had elapsed as requested by the client, a horizontal force of 60 N was applied to each cord in turn, for 30 s each time, in directions both parallel and then perpendicular to the plane of the cord loop. The actual purpose of the test was to evaluate the effectiveness of the adhesive, and not the function of the D-clip.</p> <p>The test was initially conducted after a curing period of 15 minutes. If the D-clip was removed, then the adhesive was replaced, and the sample was tested again after a curing period of 24 hours, then 48 hours if it failed, and finally 72 hours if it failed again. Whenever the D-clip complied in that it was not removed, then the test was stopped for that surface.</p> <p>The client submitted four test surfaces, as follows:</p> <p>Smooth Tile PVC Frame Alu Frame Plasterboard</p> |
|----------|---|



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| 2 | <p>The results were as follows:</p> <p>At no point during testing were the cord loops removed from the D-clip.</p> <p>Smooth Tile – After 15 minutes the D-clip and adhesive were removed with a force of 40.0 N. After 24 hours the D-clip and adhesive were removed with a force of 46.3 N. After 48 hours the D-clip and adhesive were removed with a force of 33.7 N. After 72 hours the D-clip and adhesive were removed with 58.7 N. A second 72 hour test was conducted and the D-clip and adhesive were removed with a force of 54.6 N. A third 72 hour test was conducted and the D-clip and adhesive were removed with a force of 55.4 N.</p> <p>PVC Frame – After 15 minutes the D-clip remained secured to the surface.</p> <p>Alu Frame – After 15 minutes the D-clip remained secured to the surface.</p> <p>Plasterboard – After 15 minutes the D-clip remained secured to the surface.</p> <p>See images below for further details.</p> |
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Adhesive pads and alcohol wipes



D-clip on Smooth Tile



D-clip on PVC Frame



D-clip on Alu Frame



D-clip on Plasterboard