



Bureau Veritas Consumer Products Services UK Ltd

## TEST REPORT

**REPORT REF:** TR6050/291025A **SAMPLE RECEIVED:** 23 September 2024  
**REPORT ISSUED:** 21 October 2024

**SAMPLE DESCRIPTION:** Easycleat Device – K-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 8 only

**CONCLUSION:** The samples tested performed satisfactorily when strength tested on various surfaces, as detailed in the following test report

### Signature

**Chris Hart, Technical Services Manager – Hardlines**  
**AUTHORISED SIGNATORY**

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**SAMPLE IMAGES:**



**K-clips**



**Venetian blind used for K-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:**

<b>BS EN 16434:2014</b>			
<b>Summary of Examination:</b>			
<b>Clause</b>	<b>Description</b>	<b>Result</b>	<b>Comments</b>
<b>8</b>	<b>Accumulation device</b>	-	-
8.1	General	-	See note 1
8.2	Test method	Pass	See note 2

**Notes**

<b>1</b>	<p>In accordance with 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 K-clips.</p> <p>The K-clip was mounted onto the test surface after the contact surfaces of both the K-clip and the test surface were cleaned with alcohol wipes. The K-clip and test surface were positioned adjacent to the mounted Venetian blind, so that the K-clip was as near to the headrail as possible.</p> <p>After a curing period had elapsed as requested by the client, the pull cords were secured around the K-clip in a figure-of-eight pattern. In accordance with the test method in EN 16434, a vertical force of 60 N was applied downwards to the cords on either side of the K-clip. The actual purpose of the test was to evaluate the effectiveness of the adhesive, and not the function of the K-clip.</p> <p>The test was initially conducted after a curing period of 15 minutes. If the K-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 K-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 pull cords removed from the K-clip.</p> <p>Smooth Tile – After 15 minutes the K-clip and adhesive were removed with a force of 36.9 N. After 24 hours, the K-clip and adhesive were removed with 57.1 N. After 48 hours, the K-clip was not removed with a force of 60 N.</p> <p>PVC Frame – After 15 minutes the K-clip remained secured to the surface.</p> <p>Alu Frame – After 15 minutes the K-clip remained secured to the surface.</p> <p>Plasterboard – After 15 minutes the K-clip remained secured to the surface.</p> <p>See images below for further details.</p>
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Adhesive pads and alcohol wipes





**K-clip on Smooth Tile**



**K-clip on PVC Frame**



**K-clip on Alu Frame**





**K-clip on Plasterboard**