Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019

Declaration #: DOC-UFGR240002
Declaration Date: 11/25/2024

Item #: UFGR240002

Description: KStrong® Guardrail 2-way Multidirectional Baseplate

Brand Name: KStrong

Manufacturer: KStrong

Address: 18505 Intercontinental Crossing, Houston, TX 77073

Additional Items Conforming Under this Declaration (If Applicable):

KStrong declares that the product(s) listed above is in conformity with the requirements of the following performance standard(s):

OSHA 1926.502

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

- ○ **Level 1:** KStrong Lab Outside the Scope of ISO/IEC Standard 17025:2017
- ○ **Level 2:** KStrong Lab Within the Scope of ISO/IEC Standard 17025:2017
- ● **Level 3:** Independent 3rd Party Lab accredited to ISO/IEC Standard 17025:2017

Supporting Documentation: KS-Test-UFGR240002.pdf

This Certificate is a guarantee that the above standard(s) was met by the requirements of such standard. Testing was performed under normal operation mode. The results of testing apply only to the particular sample tested and the specific test carried out. This Certificate is only issued for products which have passed the testing requirements of listed standard(s).

Authorized Signature:

Chad McBride
Chief Operating Officer - KStrong

ISO 17025 Accredited Test Laboratory

Intertek Testing Services NA, Inc.
3933 US Rt. 11
Cortland, NY 13045
Tel: 1 607-753-6711
www.intertek.com

intertek
Total Quality. Assured.

KSTRONG INC.
TEST REPORT

SCOPE OF WORKs
Client Specified Testing Referencing: OSHA 1926.502 - Guardrails

REPORT NUMBER
106005692CRT-001

ISSUE DATE
November 25, 2024

PAGES
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TEST REPORT FOR KSTRONG INC
Report No.: 106005692CRT-001
Date: November 25, 2024

KStrong Inc.
150 N. Radnor Chester Rd. Suite F200
Radnor, PA 19087
USA

Report Number..... : 106005692CRT-001

Signed Quote Number..... : Qu-01479751

PO Number..... N/A

Name of Testing Laboratory
Preparing the Report ..... : Intertek Testing Services NA Inc.

Test Specification:

Standard..... : Client Specified Testing Referencing: OSHA 1926.502

Date(s) of Testing..... : 11/19/2024

Product Description:

Product Type: ..... : Guardrail

Brand Name: ..... : KStrong

Model Number(s): ..... : UFGR140006/08/10 + UFGR240004/02

Model Sharing ..... : N/A

Date(s) Samples Received ..... : 10/24/2024

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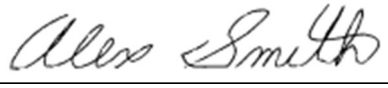
TEST REPORT FOR KSTRONG INC.
Report No.: 106005692CRT-001
Date: November 25, 2024

SECTION 1
SUMMARY OF TESTING

TESTS COMPLETED	STATUS
Referencing: OSHA 1926.502(b)(3) Top Edge 200lb load	SEE RESULTS
Referencing: OSHA 1926.502(b)(4) Deflection	SEE RESULTS
Referencing: OSHA 1926.502(b)(5) Mid Rail 150lb load	SEE RESULTS

SECTION 2
This test report concludes the work anticipated in the testing phase of your project. If there are any questions regarding this report please contact the undersigned at 607-753-6711.

COMPLETED BY:	Alex Smith	**REVIEWED BY:**	Matthew Stevens
TITLE:	Technician	**TITLE:**	Team Leader
SIGNATURE:		**SIGNATURE**	
DATE	11/20/2024	**DATE:**	11/25/2024

Please see attached test data for details

SECTION 3
TESTING EQUIPMENT CALIBRATION INFORMATION

USED FOR TEST	DESCRIPTION	MANUFACTURER	CONTROL NO.	MODEL NO.	SERIAL NO.	CAL. DATE	CAL. DUE
X	Load Cell	Interface	G139	-	-	03/21/24	03/21/25
X	Tape Measure	Kobalt	H323	-	-	10/10/24	10/10/25

SECTION 4
SUPPLEMENTAL TEST DATA

<table>
<tr><th>REQUIREMENT</th><th>COMPLIANCE</th></tr>
<tr><td>

Referencing 1926.502(b)(3):
Guardrail systems shall be capable of withstanding, without failure, a force of at least 200 pounds (890 N) applied within 2 inches (5.1 cm) of the top edge, in any outward or downward direction, at any point along the top edge

<table>
<tr><th>Top Rail Load Test</th><th>SAMPLE: 1</th></tr>
<tr><td>Guardrail can withstand 200lb force downward without failure.</td><td>YES</td></tr>
<tr><td>Guardrail can withstand 200lb force outward without failure.</td><td>YES</td></tr>
</table>

</td><td>SEE RESULTS</td></tr>
<tr><td>

Referencing 1926.502(b)(4):
When the 200 pound (890 N) test load specified in paragraph (b)(3) of this section is applied in a downward direction, the top edge of the guardrail shall not deflect to a height less than 39 inches (1.0 m) above the walking/working level. Guardrail system components selected and constructed in accordance with the appendix B to subpart M of this part will be deemed to meet this requirement.

<table>
<tr><th>Deflection Test</th><th>SAMPLE: 1</th></tr>
<tr><td>Starting height of top rail (inches)</td><td>43 ¾”</td></tr>
<tr><td>Guardrail can withstand 200lb force outward without failure. (inches)</td><td>43 5/8”</td></tr>
<tr><td>Total Deflection (inches)</td><td>1/8”</td></tr>
</table>

</td><td>SEE RESULTS</td></tr>
<tr><td>

1926.502(b)(5):
Midrails, screens, mesh, intermediate vertical members, solid panels, and equivalent structural members shall be capable of withstanding, without failure, a force of at least 150 pounds (666 N) applied in any downward or outward direction at any point along the midrail or other member

<table>
<tr><th>Mid Rail Load Test</th><th>SAMPLE: 1</th></tr>
<tr><td>Guardrail can withstand 150lb force downward without failure.</td><td>YES</td></tr>
<tr><td>Guardrail can withstand 150lb force outward without failure.</td><td>YES</td></tr>
</table>

</td><td>SEE RESULTS</td></tr>
</table>

SECTION 5
REVISION HISTORY

REPORT NUMBER	DATE OF REVISION	DESCRIPTION OF CHANGE:	PROJECT OWNER	REVIEWED BY
106005692CRT-001	11/22/2024	Original Report	Alex Smith	Matthew Stevens
106005692CRT-001	11/25/2024	Revised Model Name	Alex Smith	Matthew Stevens