

TEST REPORT

SABS

SIMPLE SYSTEMS

Attention: Mr J. Janse van Rensburg
PO Box 1414
LAMBTON
1414

Your Ref: K-Lite road studs
Our ref: FE 646
Enquiries: A. Rocha
Tel: 012 428 6365
Date: 09 November 2012
Report No: 2330/ FE 646
Page: 1 of 3

TESTING TO STANDARD SANS 1442: 2008 (EDITION 1.3) "ROAD STUDS"

0. CONCLUSION

The sample complied with the requirements as requested in clause 4, as specified in standard SANS 1442: 2008 (Edition 1.3).

1. SAMPLE DESCRIPTION

TABLE 1 – SAMPLE DESCRIPTION

Sample description	Marking	Photograph of sample
Eight galvanized road studs in clear, yellow and red marked 1 to 8 by the SABS	K K-Lite	See Annex A on page 3

2. SAMPLE SUBMITTED

The sample was received in a condition suitable for testing.

Submission date : 08 October 2012
Testing starting date : 19 October 2012
Testing completion date : 05 November 2012

3. TEST METHOD

The tests were conducted in accordance with the test methods of standard SANS 1442: 2008 (Edition 1.3).

4. TESTS REQUESTED

Full test.

SANAS Accredited Testing Laboratory No. T0085



5. TEST RESULTS

TABLE 2 – TEST RESULTS

Description of requirements	Clauses	Test results
General (visual inspection)	3.1.1	Complied
Dimensions	3.2	Complied
Colour	3.3	Complied See colour test report attachments
Category and photometric properties	3.4	Complied for category A photometric properties See photometric test report attachments
Resistance to penetration of water	3.5	Complied
Resistance to heat	3.6	Complied See photometric test report attachments
Resistance to motor fuel	3.7	Complied See photometric test report attachments
Resistance to lubricating oil	3.8	Complied See photometric test report attachments
Resistance to corrosion	3.9	Complied
Marking (visual inspection)	4	Complied

6. SUBCONTRACTING OF SABS LABORATORIES

Paints & Sealants – resistance to corrosion.

7. EXCLUSIONS

None.

8. UNCERTAINTY OF MEASUREMENT

The estimated uncertainty of measurement of the photometric measurement is approximately 5,3 % for a 94,7 % level of confidence.

9 NOTE

The sample will be disposed of if not collected within three months of completion of testing.

Tested by: A. Rocha
TECHNICAL SIGNATORY
LIGHTING TECHNOLOGY

Checked by: T. Fourie
MANAGEMENT SIGNATORY
LIGHTING TECHNOLOGY

This test was performed by SABS Commercial (Pty) Ltd.,

This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

ANNEX A
PHOTOGRAPH OF SAMPLE INCLUDING MARKING



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