

TEST REPORT

ORAFOL Europe GmbH
Attention: Mr. J. Ewald
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Germany

TESTING TO STANDARD SANS 1519-1: 2006 (EDITION 2.2)

"RETRO-REFLECTIVE SHEETING MATERIAL"

AFTER EIGHTEEN MONTHS OF NATURAL WEATHERING CYCLE (PART B)

0. CONCLUSION

The sample complied with the requirements as requested in clause 3, after eighteen months of natural weathering exposure cycle (Part B), as specified in standard SANS 1519-1: 2006 (Edition 2.2).

1. SAMPLE DESCRIPTION

TABLE 1 – SAMPLE DESCRIPTION

Sample description	Colour
Oralite Brilliant Grade Prismatic (BGP) retro-reflective sheeting material, series 6910, Class 4a	Yellow

2. SAMPLE SUBMITTED

The sample was received in a condition suitable for testing.

Submission date : 10 January 2013
Testing starting date : 10 January 2013
Testing completion date : Tests in progress

3. TESTS REQUESTED

Coefficient of retro-reflection and colour and luminance factor checks at six-monthly intervals for a period of three years as requested in the standard.

4. TEST METHOD

The tests were conducted in accordance with the test methods of standard SANS 1519 - Part 1: 2006 (Edition 2.2).

SANAS Accredited Testing Laboratory No. T0085

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5. TEST RESULTS**TABLE 2 - TEST RESULTS**

Description of requirements	Clauses	Test results
Natural weathering (after 18 months of natural weathering) (visual appearance)	4.3.1	Complied
Coefficient of retro-reflection	4.3.1	Complied See attachment
Colour and luminance factor	4.3.1	Complied See attachment and luminance factor in Table 3

TABLE 3 - LUMINANCE FACTOR

Luminance factor	Standard
0,26	≥ 0,16

6. SUBCONTRACTING OF SABS LABORATORIES

None.

7. EXCLUSIONS

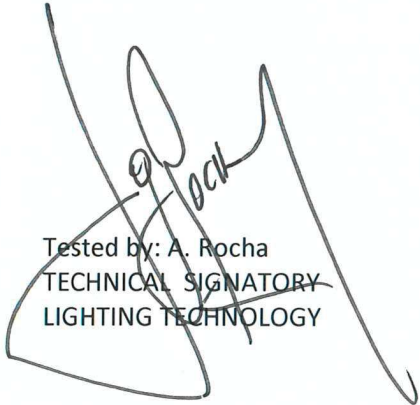
None.

8. UNCERTAINTY OF MEASUREMENT

The estimated uncertainty of measurement of the photometric measurement is approximately 5, 16% for a 94, 84% level of confidence.

9. NOTE

The sample must be exposed for a period of three years as part of the natural weathering cycle (Part B).



Tested by: A. Rocha
TECHNICAL SIGNATORY
LIGHTING TECHNOLOGY



Checked by: T. Fourie
MANAGEMENT SIGNATORY
LIGHTING TECHNOLOGY

This testing was performed by SABS Commercial SOC Ltd.

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