

UNIPLATE GROUP ( Pty ) Ltd T/A FALCON  
Attention: Mr D. Evans  
PO Box 43335  
INDUSTRIA  
2042

Your ref: O/N 8979  
Our ref: YE 1681(E)  
Enquiries: A. Rocha  
Tel: 0124286365  
Report :  
2330 / YE 1681 (E)  
Page: 1 of 3  
Date: 07 March 2008

## TESTING TO STANDARD SANS 1519 -1: 2006 (EDITION 2.2) "NON-RETRO-REFLECTIVE SHEETING MATERIAL"

### 0. CONCLUSION

The sample complied with the requirements as specified in standard SANS 1519-1:2006 (Edition 2.2) after twenty-four months of natural weathering cycle (Part B).

### 1. SAMPLE DESCRIPTION

Non-retro-reflective matt-black sheeting material identified as " HEXIS-ECOTAC E 3889 M ".

### 2. SAMPLE SUBMITTED

The sample received in a condition suitable for testing.

Date sample received : 09 November 2005  
Testing starting date : 10 January 2006  
Testing completion date : 04 March 2008

### 3. TESTS REQUESTED

Natural weathering cycle as required by the standard.

SANAS Accredited Testing Laboratory No. T0085

## 4. METHOD OF TEST

Conducted in accordance with the test methods of standard SANS 1519-1: 2006 (Edition 2.2).

## 5. TEST RESULTS

**TABLE 1- TEST RESULTS  
( AFTER TWENTY- FOUR MONTHS OF NATURAL WEATHERING)**

Requirements	Results	Requirements
Natural weathering ( visual appearance )	Complied	Clause 4.3.1
Colour and luminance factor	Complied - See Table 2 ( not SANAS Accredited) See Exclusions and attached chromaticity diagram	Clause 4.3.1
Specular gloss	Complied See Table 3	Clause 4.3.1

**TABLE 2 - COLOUR AND LUMINANCE FACTOR**

Chromaticity co - ordinates			Luminance factor
x	y	z	
0,304	0,325	0,371	0,02
Requirements			≤0,03

**TABLE 3 - SPECULAR GLOSS**

Specular gloss @ 60 degrees	Requirements
4,8	≤35

6. EXCLUSIONS


Tests marked " Not SANAS Accredited " in this test report are not included in the SANAS Schedule of Accreditation for this laboratory.

7. SUBCONTRACTING OF SABS LABORATORIES

None.

8. NOTE

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



Tested by: J. Mashele  
TEST OFFICER  
LIGHTING TECHNOLOGY



Checked by: A. Rocha  
TECHNICAL SIGNATORY  
LIGHTING TECHNOLOGY

CHROMATICITY DIAGRAM

Commodity: Road signs SANS 1519-1:2006

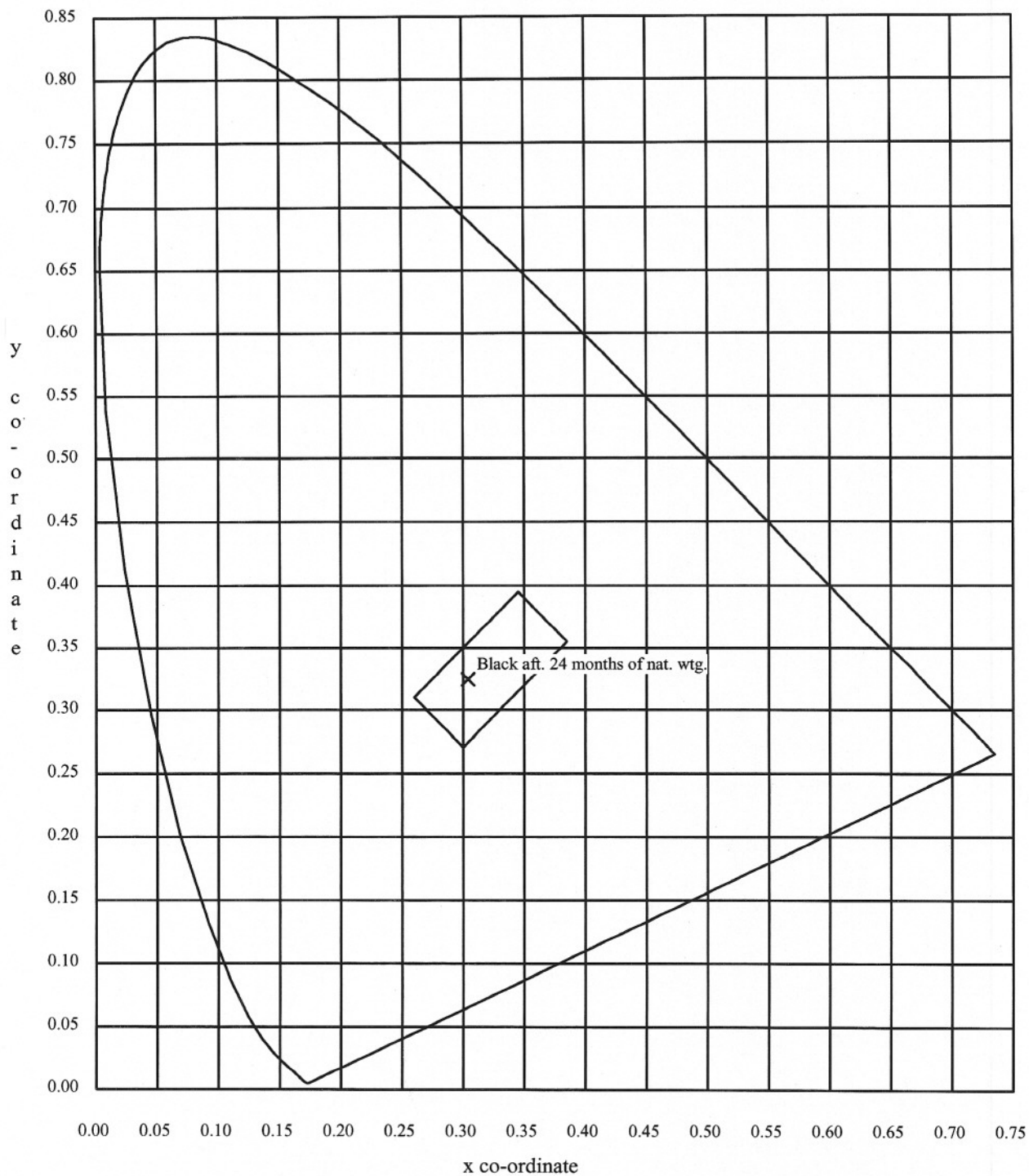
Report Number: 2330/YE 1681

Colour/State: Black after 24 months of natural weathering

Date: 21/02/2008

Source of Illumination: D65

Specimen: Black aft. 24 months of nat. wtg.



x = 0.304 y = 0.325 z = 0.371  
Luminance Factor = 0.029

  
for Lighting Technology