



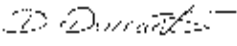
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BRITISH BOARD OF AGRÉMENT TEST REPORT No 54167AA

THE MILLBOARD COMPANY – MILLBOARD DECKING PLANKS – COLOUR MEASUREMENT

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Approved by: 

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Date: 20 November 2015

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Date: 26 November 2015

On behalf of the British Board of Agrément

Client: The Millboard Company
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Requested by: Prayer Nkomo - BBA

Job No: T9 54167 (S1 52131)

Work period: April 2014 – November 2015

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2 COLOUR MEASUREMENT

2.1 Method

Specimens were UV aged in a QUV weatherometer. At the end of the test period any colour change was determined instrumentally using a spectrophotometer in accordance with BS 3900 Parts D8 – D10 : 1986 *Determination of colour and colour difference*, (ISO 7724 Parts 1-3).

2.2 Samples

BBA ref/lot	Quantity	Description
S1/52131/2	1	3.6 m x 176 mm x 32 mm Millboard decking planks (BN 28102014) Dark brown.
S1/52131/3	1	3.6 m x 176 mm x 32 mm Millboard decking planks (BN 28102014) Light brown.

2.3 Conditioning

Control	-	Tested as received.
UV aged	-	Exposure condition `S` as defined in EOTA Technical Report TR-010 dated May 2004 - <i>Liquid Applied Roof Waterproofing Kits (LARWK) – Exposure procedure for artificial weathering</i> - 60°C 5 hours UV-A, 1 hour spray but for a total of 5000 hours.

2.4 Results

Lot	Conditioning	CIE 1976 Colour reading				a* Evaluation	b* Evaluation
		ΔL	Δa	Δb	ΔE	(D65)	(D65)
2	5000 hours UV	4.22	-0.64	0.20	4.27	Less red	Yellower
3	5000 hours UV	0.41	0.03	-1.40	1.46	Redder	Less yellow