



Testing of Paint Blo Products

Report By : G Eccleston

Report No.: XC0372R1
File No.: BPP/DEC
Issue Date: Mar 1996

C1120372

*This report relates only to the items tested and it shall not be reproduced,
except in full, without the written consent of the Director SSL.*

SCIENTIFIC SERVICES LABORATORY
177 Salmon St, Port Melbourne, Vic. 3207 Telephone (03) 9349 9800 Fax (03) 9646 5165

A Business Unit of Australian Government Analytical Laboratories
Department of Administrative Services



1 SAMPLE DETAILS

Manufacture/Supplier: Bio Products Australia Pty Ltd
 System : Bio Wood Varnish Exterior 3 coats
 Substrate: Timber panel
 Surface Preparation: Light Sand
 Date Received: 2 August 1995
 Submitted by: Mr Dieter Groening
 Test Performed by: G Eccleston
 Sample Number: XC0372/3/D

2. TEST DETAILS - NATA REGISTRATION 219

Accelerated weathering testing of the coated panels was performed in accordance with AS 1580 Method 483.2 Resistance to Artificial Weathering - Fluorescence UV - condensation type instruments*. The test parameters are as follows:

Instrument: QUV Accelerated Weathering Tester
 (Q panel Company, Ohio, USA)
 UV lamps: UVB - 313 with peak emission at 313 nm
 Temperature (UV cycle): 60°C
 Temperature (Condensation): 50°C
 Duration of UV Cycle: 4 Hours
 Duration of Condensation Cycle: 4 hours

Evaluation (Rating*)		Exposure (hours)		
Test	AS 1580 Method	1000	2000	3000
General Appearance	481.1.1	0	2	3
Discolouration	481.1.2	1	2	3
Change in Gloss	481.1.5	3	4	4
Degree of Erosion	481.1.6	0	0	0
Degree of Checking	481.1.7	0	0	0
Degree of Cracking	481.1.8	0	0	0
Degree of Blistering	481.1.9	0	0	0
Degree of Flaking & Peeling	481.1.10	0	0	0
Degree of Chalking	481.1.11	2	3	3
Degree of Colour Change	481.1.12	0	0	0

* Rating 0 = None, 5 = Severe

Signatory: *G Eccleston*
 G Eccleston

Date: 1 March 1996



This document is registered by the National
 Association of Testing Authorities, Australia. The
 results recorded herein have been produced in
 accordance with the rules of registration. Any
 document shall not be reproduced without the
 consent of the Association.

1 SAMPLE DETAILS

Manufacture/Supplier: Bio Products Australia Pty Ltd
 System: Natural Timber Oil exterior 3 coats
 Substrate: Timber panel
 Surface Preparation: Light Sand
 Date Received: 2 August 1995
 Submitted by: Mr Dieter Groening
 Test Performed by: G Eccleston
 Sample Number: XC0372/2

2. TEST DETAILS - NATA REGISTRATION 219

Accelerated weathering testing of the coated panels was performed in accordance with AS 1580 Method 483.2 Resistance to Artificial Weathering - Fluorescence UV - condensation type instruments'. The test parameters are as follows:

Instrument: QUV Accelerated Weathering Tester
 (Q panel Company, Ohio, USA)
 UV lamps: UVB - 313 with peak emission at 313 nm
 Temperature (UV cycle): 60°C
 Temperature (Condensation): 50°C
 Duration of UV Cycle: 4 Hours
 Duration of Condensation Cycle: 4 hours

Evaluation (Rating*)		Exposure (hours)	
Test	AS 1580 Method	1000	1500
General Appearance	481.1.1	0	1
Discolouration	481.1.2	0	0
Change In Gloss	481.1.5	0	0
Degree of Erosion	481.1.6	0	0
Degree of Checking	481.1.7	0	3
Degree of Cracking	481.1.8	0	3
Degree of Blistering	481.1.9	0	0
Degree of Flaking & Peeling	481.1.10	0	0
Degree of Chalking	481.1.11	0	1
Degree of Colour Change	481.1.12	0	0

* Rating 0 = None, 5 = Severe

Signatory: *G. Eccleston*
 G Eccleston

Date: 1 March 1996



This Laboratory is registered by the National Association of Testing Authorities, Australia. The tests reported herein have been performed in accordance with the requirements of the standard. This document shall not be reproduced except in full.