AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106
1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Ausmalt Industries
12-20 Wentworth Court
Thomastown VIC 3074

Test Number : 14-002035
Issue Date : 01/04/2015
Print Date : 1/04/2015

Replacement of Initial Report dated :27/02/2015

Sample Description
Clients Ref : "Ductflex R1.5"
Grey Ductflex R1.5
re test sample

ASTM C518-2010 **Steady-State Thermal Transmission Properties by Means of the Heat Flow Apparatus**

Test Date		27/03/2015	
Test Apparatus		Lasercomp Fox 600	
Sample Orientation		Horizontal	
Mean Test Temperature		23	°C
Temperature Differential		20	°
Estimated uncertainty in results		3.9	
Specimen	1	2	
Specimen Thickness (as received)	139	154	mm
Specimen Thickness (as tested)	139	154	mm
Specimen Density (as tested)	3.9	3.7	kg/m³
Test Duration	01:18	01:12	hrs:mins
Measured Heat Flux	13.0	12.1	W/m²
Measured Thermal Conductivity	0.0901	0.0934	W/m.K
Thermal Resistance	1.5	1.6	m²K/W

19910 4089

Accredited for compliance with ISO/IEC 17025
- Chemical Testing : Accreditation No. 983
- Mechanical Testing : Accreditation No. 985
- Performance & Approvals Testing : Accreditation No. 1356

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APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

0204/11/06