

24 July, 2007

Resitech Industries Pty Ltd
PO Box 3116
BIRKDALE QLD 4159

Attention: Ms Vanessa Trieger

REPORT 07MAAD0003378

CLIENT REFERENCE: Request

TITLE: Material Investigation

SAMPLE IDENTIFICATION: Damp proof course

WORK REQUESTED: Test sample for compliance to AS/NZS 2904:1995 with reference to AS/NZS 4347:1995 and AS1463:1988 appendix C

SUMMARY: The sample tested complies with the specifications as stated in the above mentioned standards.

INVESTIGATING OFFICER(S): Anton Olbrycht

Monty Luke
Group Leader
Materials Services

1. RESULTS

❖ Thickness measurement

Sample	Measurements (in mm)	Average
damp proof course	0.89, 0.93, 0.95, 0.92, 0.91, 0.92, 0.91, 0.97, 0.87, 0.88	0.91

Remarks: The sample exceeds the minimum required thickness of 0.75 mm for a standard duty embossed damp proof course, as specified by AS/NZS 4347.9:1995

❖ Mass per unit area

Mass of 1m² of damp proof course = 487.3 gms

Remarks: The sample exceeds the 425 gms/m² minimum requirement for standard duty damp proof course, as specified by AS/NZS 2904.7.6.3:1995

❖ Pigment

Carbon black content	2.218 %
specification	2.5 +/- 0.5 %

Remarks: The sample complies with the requirements of AS/NZS 2904.7.4.5:1995

❖ Impact Resistance

Drop Height	660 mm
Mass of Dart	641.447 gms
No. of Tests	5
No. of Tests Passing	4

Remarks: The damp proof course material complies with the required specification for impact resistance, as specified by AS/NZS 2904.7.6.5(a):1995