



Industrial Research Services

Materials Science & Engineering, 37 Graham Road (PO Box 56), Highett, Victoria 3190, Australia
Telephone: 61 3 9252 6000 Facsimile: 61 3 9252 6244 Web: <http://www.cmmt.csiro.au>

Testing Authority - CSIRO

9 January, 2009

Our Ref. EN13/ 1744

TEST REPORT No: 4679

Requested by: Waterproofing Technologies P/L
Phil Serio
on (date): 24 December 2008
Manufacturer: Waterproofing Technologies P/L
Product Desc: Enviro HP-1200 Elastomeric polyurethane
Waterproofing membrane

Sampling details: Three sheets, supplied by Waterproofing Technologies P/L
Where: Highett Laboratories
Date: 24 December 2008
By Whom: Phil Serio
How (methods): N/A

The results reported relate only to the sample(s) tested and the information received.

No responsibility is taken for the accuracy of the sampling unless it is done under our own supervision.
CSIRO cannot accept responsibility for deviations in the manufactured quality and performance of the product.
The reproduction of this test report is only authorised in the form of a complete photographic facsimile.
Our written approval is necessary for any partial reproduction.

This test report consists of 3 pages

SUMMARY OF TESTS PERFORMED:

EN 13897 Bitumen, plastic and rubber sheets for roof waterproofing

Summary: Enviro HP-1200 Elastomeric polyurethane waterproofing membrane - **PASS**

CSIRO



Industrial Research Services

Materials Science & Engineering, 37 Graham Road (PO Box 56), Highett, Victoria 3190, Australia
Telephone: 61 3 9252 6000 Facsimile: 61 3 9252 6244 Web: <http://www.cmmt.csiro.au>

REPORT NO: 4679 Page 2 of 3
ISSUE DATE: 9 January, 2009
MANUFACTURER: Waterproofing Technologies P/L
PRODUCT DESC: Enviro HP-1200 Elastomeric polyurethane waterproofing membrane

TEST CARRIED OUT IN ACCORDANCE WITH Test Date: 6 January 2009
EN 13897 Bitumen, plastic and rubber sheets for roof waterproofing

RESULTS: Location: Ceramic Tile Laboratory, Highett
Product: Enviro HP-1200
Sample Membrane: Across & with machine direction
Sample Size: 300mm x 200mm
Pre-Conditioning: 23°C & 55%RH
Pre-Condition time: Excess of 24 hours
Test Length: 300mm
Tension: 3mm or 1%
Test temperature: -10°C
Test Duration: 2 hours at -10°C
Vacuum pressure: +> 15kPa
Bubble Solution: Soapy solution

Leakage Test

Membrane test sample Enviro HP-1200	Leakage detection
Sheet 1: With machine direction	No leakage
Sheet 2: With machine direction	No leakage
Sheet 1: Across machine direction	No leakage
Sheet 2: Across machine direction	No leakage

Requirements: EN 13897 - The stretching at low temperature does not cause leakage.

Result: Two samples across and two samples with machine direction, stretched to 1% elongation did not cause leakage.

EN 13897 Bitumen, plastic and rubber sheets for roof waterproofing

Summary: Enviro HP-1200 Elastomeric polyurethane waterproofing membrane - **PASS**



Industrial Research Services

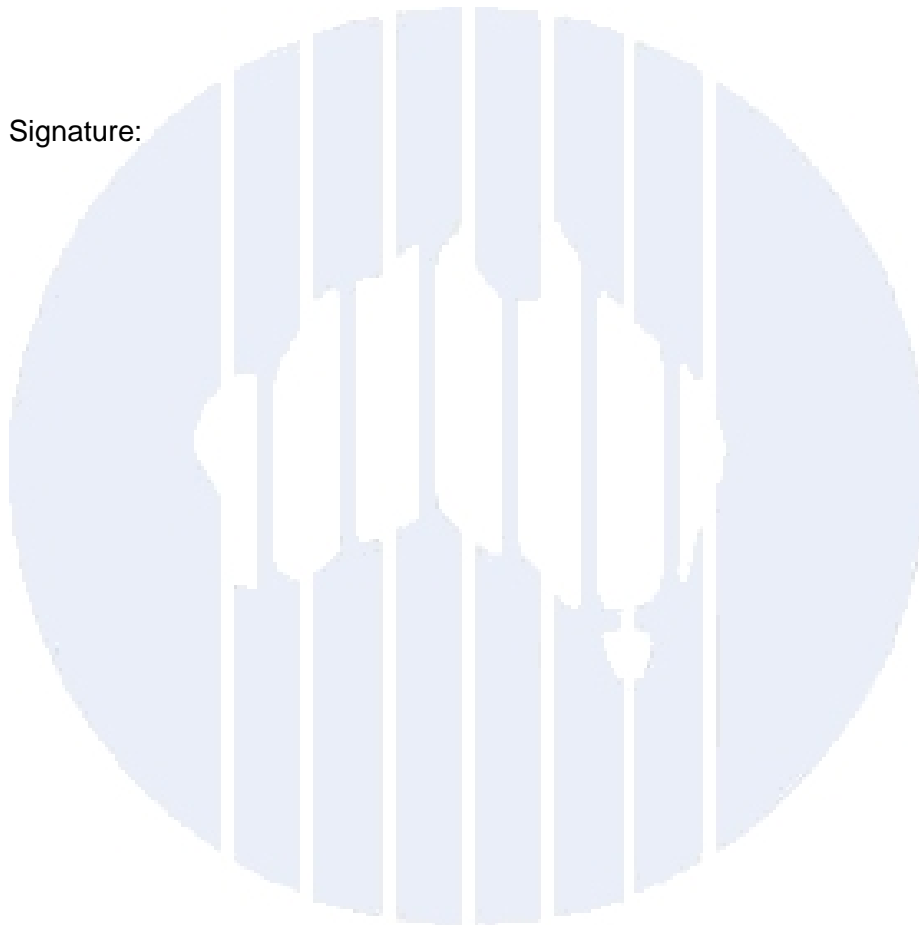
Materials Science & Engineering, 37 Graham Road (PO Box 56), Highett, Victoria 3190, Australia
Telephone: 61 3 9252 6000 Facsimile: 61 3 9252 6244 Web: <http://www.cmmt.csiro.au>

REPORT NO: 4679
ISSUE DATE: 9 January, 2009
MANUFACTURER: Waterproofing Technologies P/L
PRODUCT DESC: Enviro HP-1200 Elastomeric polyurethane waterproofing membrane

Page 3 of 3

Date and Place 9 January, 2009, Highett, Vic

Name, Title and Signature:



**PETER WESTGATE
PROJECT LEADER
SSF-IRS
CSIRO**

CSIRO
