

20 October 2009

Client: Tasman Insulation New Zealand Limited

TEST CERTIFICATE FOR SISALATION® HEAVY DUTY (450WF)

This product has been tested for the properties below according to AS/NZS4200.1:1994.

Tested by Scion:

1. Tensile strength according to AS/NZS 4200.1 Based on AS 1301.448
Machine direction - greater than 12.5 kN/m
Lateral direction - greater than 7.5 kN/m
2. Edge-tear resistance according to AS/NZS 4200.1 Based on Tappi standard T470.
Machine and lateral directions: Greater than 80 N
3. Folding endurance according to AS/NZS 4200.1 Based on AS/NZS 1301.423
Not less than –
2.00 (i.e $\log_{10} 100$) in the machine direction
1.70 (i.e $\log_{10} 50$) in the lateral direction
4. Resistance to dry delamination according to AS/NZS 4201.1
Pass (all 10 test pieces are without delamination)
5. Resistance to wet delamination according to AS/NZS 4201.2
Pass (all 10 test pieces are without delamination)
6. Shrinkage according to AS/NZS 4201.3
Less than 0.5%
7. Resistance to water penetration according to AS/NZS 4201.4
No staining with a head of dye solution of at least 100mm

Tested by the University of Western Australia:

Emittance according to AS/NZS 4201.5 Based on ASTM E408-71
Albar inside – reflective (not greater than 0.05)
Albar outside – reflective (not greater than 0.05)

Tested by the Australian Wool Testing Authority:

Flammability Index according to AS 1530.2
Low flammability (five or less)

Tested by BRANZ:

Resistance to water vapour transmission according to AS/NZS 4200.1 by the
method of ASTM E96, Procedure B (wet-cup test)
High (greater than 450MN.s/g)

The results from testing at Scion, UWA and AWTA are from the samples as supplied to Scion
by Tasman Insulation New Zealand Limited.



Dr R W Allison
Project Leader

