



**Sealumet**



**INTERNATIONAL  
BUILDING PRODUCTS**

# Australian Product Specification Sheet

## Description

General building slabs designed for use as acoustic, thermal and fire protection of walls, ceilings, floors and roofs. The 35–200kg/m<sup>3</sup> slabs are available in range of thicknesses and a variety of facings are available on request, including black or white tissue, and aluminium foil, to one or both sides (subject to production compatibility). SRW Slabs conform to AS/NZS 4859.1:2018 Thermal insulation products for buildings.

FEATURES AND BENEFITS: • Non-combustible. • Suitable for a wide range of general building applications. • Available with a number of facing options, including tissue and aluminium foil. • Thermal, acoustic and fire performance. • Sustainable and recyclable.



## Product Data

Density(kg/m <sup>3</sup> )	35 to 200	ASTM C303
Color	Yellowish	Visual
Max. Use Temperature (°C)	650 (°C)	ASTM C411
Melting point	1100 (°C)	
Shot Content (%)	<25	ASTM C612
Corrosiveness	Noncorrosive	ASTM C871 ASTM C795
Water vapor absorption (weight %)	<1	ASTM C1104
PH	7.8	BS 2972 SEC 22
Chloride	6	
Fungi Resistance	Does not encourage Fungi Growth	ASTM C665
Material Fire Test	0, 0, 0, 2	AS1530.3
Combustible Test	Not Deemed Combustible	AS1530.1
FRL Test (Density 80 kg/m <sup>3</sup> )	-/240/240at 200mm thick	AS1530.4
Continuous FRL Test (Splice Joint)	-/240/240at 200mm thick	AS1530.4

## Thermal Performance – at 50mm thickness (AS4859.1:2018 Compliant)

Density	40kg/m <sup>3</sup>	60kg/m <sup>3</sup>	80kg/m <sup>3</sup>	100kg/m <sup>3</sup>
R value (Km <sup>2</sup> /W)	1.39	1.43	1.47	1.52
K value (W/mK)	0.036	0.035	0.034	0.033

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