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Third Ecology
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Attention: Glen Rodgers

SEALECTION 500 INSULATION THERMAL TEST DATA

I have assessed the US thermal resistance rating of the **Sealection 500** insulation tested in accordance with ASTM C518 (90 days @ 23°C).

The tested value, 3.8 ft²•h•°F/BTU for a 1.0 inch thick sheet, converts to the Australian material R-value equivalent of **R = 0.67 m²•K/W** for a 25.4mm thick sheet.

The resistivity is thus 0.67/0.0254 = **26.3 m•K/W**.

The conductivity is thus 0.0254/0.67 = **0.038 W/m•K**.

Conversions were performed using data in the AIRAH* 2000 Handbook page 302 and 303.

Yours Sincerely,

A handwritten signature in black ink that reads "James Fricker".

JAMES M FRICKER

B Mech Eng, CPEng, M.AIRAH, M.IEAust

*Australian Institute of Refrigeration Air-conditioning and Heating