

Technical Data Sheet

FM Insulation Supplies

Therm O Lag Bio-soluble Rockwool spi

This product is supplied in 1000mm lengths x various odps x 25mm, 40mm & 50mm wall thicknesses. Other thicknesses available on special order.

density kg/M3	Maximum Service temp C	Thermal conductivity (W/m.K)				
		mean temperature C				
		20	100	200	300	400
125	750		0.049	0.06	0.079	0.112

R-values as tested by BRANZ 17th May 2007

thickness	R-value
25mm	0.7
40mm	1.1
50mm	1.4

When tested to AS 1530 part 3 1999 the following results were obtained
(refer AWTA Test no. : 7-552135-CN 03/5/2007)

<u>Ignitability index</u>	0
<u>Spread of flame index</u>	0
<u>Heat evolved index</u>	0
<u>Smoke developed index</u>	0-1

Volatile Organic Compounds ASTM D5116

When tested by CETEC for the presence of Volatile Organic Compounds the result was below the detection limit

Formaldehyde ASTM D5116

When tested by CETEC for the presence of Formaldehyde emissions the result was below the detection limit

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Zero ODP

Rockwool pipe sections packaged & marketed under the Ther-o-lag brand have been certified by the manufacturer as being free of ozone depleting substances. In addition no ozone depleting substances have been used in the manufacturing process

Chemical Neutrality : FMIS rockwool products are chemically neutral and will not cause nor promote corrosion. The products are suitable for use over austinitic stainless steel (ASTMC795-77) when measured in accordance with standard method ASTM C 692-77 (corrosion test) and ASTM C871-77 (chemical analysis)

Moisture Resistance : FMIS rockwool products are unaffected by moisture. After wetting the products will, once dried out, retain their thermal properties.

All insulation should be installed in such away as to prevent moisture ingress

off-gassing : All rockwool products contain resin & solvent refined oils to bind the fibres together and minimise the release of fibres during handling of the material.

At temperatures of approx 180C initial off-gassing may occur.

Contact : Should you require any further information on this or any other product supplied by our company please do not hesitate to contact us on ph. 02 4735 5699, mobile 0417 230 030 fax. 02 4735 5799, e-mail mike.flavell@gmail.com or visit our web site www.fminsulation.com.au