

Vapa-Chek & Building Blanket

R-Rated Blankets

PRODUCT DESCRIPTION

Insulco Building Blankets are manufactured from glasswool providing a flexible, thermally rated building blanket, resulting in long term savings on heating and cooling costs. Building Blankets are available in rolls, in thicknesses of 55mm, 75mm and 100mm.

Vapa-Chek Blankets are comprised of glasswool Building Blanket faced on one side with a factory adhered, reinforced, fire-rated, double sided, aluminium foil laminate.

Vapa-Chek Blanket is a high quality insulating product that features excellent thermal and acoustic performance.



A 150mm foil lap is provided on one side to allow the vapour barrier to be sealed. Vapa-Chek is available with a variety of foil laminates.

These products meet all Building Code of Australia (BCA) requirements and comply with the insulation product standard AS/NZS 4859.1.

APPLICATION

Plain Building Blankets should always be used in conjunction with a vapour barrier to provide condensation control.

Vapa-Chek Blankets simultaneously provides thermal resistance and condensation control under metal deck roofs, on wall cladding, and under concrete roof and wall structures.

Vapa-Chek also provides an excellent solution for acoustic treatment of metal clad buildings by reducing unwanted noise created by rain, hail, and the expansion and contraction of metal roofs and walls.

Refer to Insulco glasswool material safety data sheet for handling instructions.

QUALITY ASSURANCE

Insulco products are manufactured using premium grade raw materials to produce quality products in accordance with International Quality Assurance

Standards ISO9002. Vapa-Chek and Building Blanket also meets the BCA requirement of compliance with AS/NZS 4859.1.

WARRANTY

Vapa-Chek and Building Blankets are guaranteed to perform to the insulation product standard AS/NZS 4859.1 and

the thermal resistance as stated in accordance with AS3742 when installed in accordance with AS3999.

PHYSICAL PROPERTIES



Product	Nominal Thickness (mm)	Length (m)	Width (mm)
Vapa-Chek	55	15	1200
	55	15	1400
	75	15	1200
	75	15	1400
	100	10	1200
	100	10	1400
Building Blanket	55	15	1200
	65	15	1200
	75	10	1200
	100	10	1200
	125	7.5	1200

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FACINGS

Vapa-Chek is supplied with a wide range of factory applied foil facings which are manufactured to Australian Standard AS4200.

Reinforced aluminium foil laminates facings are available in **Light Duty, Medium Duty, Heavy Duty, White Coated or Perforated.**

FIRE RESISTANCE

The following results were obtained when Insulco Building Blanket was subject to Early Fire Hazard Tests in accordance with AS1530.3

- Ignitability Index 0
- Spread of Flame 0
- Heat Evolved 0
- Smoked Developed 0-1

The following results was obtained when Insulco foil laminates, used in the manufacture of Vapa-Chek, was subjected to Flammability Testing in accordance with AS1530.2

Insulco foil laminates have a Flammability Index ≤ 5 .

TEMPERATURE RANGE

Building Blanket and Vapa-Chek are manufactured for the use at temperatures that are normally experienced in building systems.

ranges from sub-zero to a maximum of 350°C.

Building Blanket services temperatures

Vapa-Chek foil surface temperature should not exceed 70°C.

MOISTURE RESISTANCE

In the event of Vapa-Chek/Building Blankets becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements.

Vapa-Chek/Building Blankets absorb less than 0.2% moisture by volume when exposed to environmental conditions of 50°C and 95% relative humidity for four days.

INFESTATION

Resistant to fungi, bacteria and vermin

Does not harbour or sustain the growth of fungi, bacteria or vermin.

ALKALINITY

The following result was obtained when Insulco glasswool was tested for alkalinity in accordance with BS 3958.5.

pH 6.9 (pH7 is neutral)

CORROSION RESISTANCE

When Insulco glasswool is installed in contact with metal in such a way to prevent contamination from external

sources Insulco glasswool products do not cause or accelerate corrosion with steel, copper or aluminium.

SOUND ABSORPTION

Product	Thickness	Facing	Frequency (Hz)						NRC*
			125	250	500	1000	2000	4000	
B. Blanket	55mm	Nil	0.25	0.55	0.89	0.95	0.93	0.92	0.85
Vapa-Chek	75mm	536 Foil#	0.41	0.92	1.18	0.6	0.39	0.24	0.75

* NRC - Noise Reduction Coefficient

536 Foil - Insulco Light Duty Foil

* Fletcher Insulation (NSW) Pty Ltd retains the right to change products and specifications without prior notification. If a specification is critical to end use, please consult Fletcher Insulation.

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A Fletcher Building Company

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