



FIBRECO HOLDINGS DENSIFIED ACOUSTIC INSULATION

Premium Choice For Insulation

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PRODUCT DESCRIPTION

Consumers both commercial and domestic have very good and sound reasons to specify polyester insulation, as much of the raw materials used in the manufacture is recycled material P.E.T (polyethylene terephthalate),(clear plastic beverage containers). No gloves, masks or boiler suits required to handle our range of products.

QUALITY ASSURED

Fibreco Products are made to the highest standards.

STANDARD SIZE AND PACKAGING

| Product | Size | Thickness (mm) | Density Kg/M3 | R-Value (m2/K/W) |
|----------------|--------------|-----------------------|----------------------|-------------------------|
| FC32/25 | Non Standard | 25 | 32 | 0.69 |
| FC32/50 | Non Standard | 50 | 32 | 1.38 |
| FC32/75 | Non Standard | 75 | 32 | 2.08 |
| FC32/100 | Non Standard | 100 | 32 | 2.77 |
| FC48/25 | Non Standard | 25 | 48 | 0.69 |
| FC48/50 | Non Standard | 50 | 48 | 1.38 |

SOUND ABSORPTION

| | Frequency (Hz) | | | | | | NRC |
|----------|----------------|------|------|------|------|------|------|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| FC32/25 | 0.20 | 0.28 | 0.52 | 0.69 | 0.73 | 0.78 | 0.55 |
| FC32/50 | 0.23 | 0.52 | 0.81 | 0.90 | 0.95 | 1.01 | 0.80 |
| FC32/75 | 0.33 | 0.76 | 0.92 | 0.96 | 1.06 | 1.15 | 0.90 |
| FC32/100 | 0.36 | 0.86 | 1.04 | 1.05 | 1.16 | 1.21 | 1.00 |
| FC48/25 | 0.15 | 0.35 | 0.60 | 0.75 | 0.83 | 0.93 | 0.65 |
| FC48/50 | 0.21 | 0.56 | 0.86 | 1.03 | 1.04 | 0.99 | 0.85 |

FIBRECO HOLDINGS
27 LAVINIA ST
ATHOL PARK SA 5012
PH 08 8447 2822
FAX 08 8447 4955



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PHYSICAL DESCRIPTION

Can be manufactured in various different colours, sizes, shapes, thickness and densities. It may be rigid or flexible with facing's such as aluminium foil applied to one or both sides to meet specific applications.

MELTING POINT: 250c

MAXIMUM SERVICE TEMP: 150c

FLAMABILITY: Complies with the building code of Australia

FIRE RESISTANCE:

When tested in Accordance to AS1530 Part 3. Fibreco Products meet all the requirements.

| | | |
|-----------------------|-----|------------|
| Ignitability Index | 0 | Range 1-20 |
| Spread of Flame Index | 0 | Range 1-10 |
| Heat Evolved Index | 0 | Range 1-10 |
| Smoke developed Index | 0-1 | Range 1-10 |

MOISTURE ABSORPTION: Exposed to an atmosphere of 50c, 90% RH for four days gives moisture absorption of less than 0.03% by volume.

INGREDIENTS: Organic, Long Chain Synthetic Polymer

CHEMICAL ENTITY: Composed of Carbon-Hydrogen Oxygen

ALKALINITY: Ph 7.8

CORROSIVENESS: The product is not classified as corrosive

PERCENT VOLATILES: Nil