

# PRODUCT INFORMATION

## INSULATION FACING MAT

### Characteristics

Insulation facing mat is a non woven felt or tissue made of continuous glass fibres bonded to one another by means of a modified urea binder.

These mats are made from five layers of continuous fibres, 12 micron dia., of a low melt, corrosion resistant glass, C-glass (ASTM C162-93), randomly dispersed across the sheet. The corrosion resistance is Acid Class 1, (DIN12116), Alkali Class 2 (DIN52322) and Hydrolytic Class 3 (DIN12111). Regina Facing Mat is designed to flex with the substrate for ease in fixing the final product.

### Application

The black mat is adhered to the mineral fibre of foam insulation substrate to assist in improving finish quality, reduce mineral fibre fall out and assist in easy handling of the insulation mat.

Black mat is particularly suitable for situations where the insulation is visible. The tissue has a very low fire rating as detailed below. Other colours are available on request.

### Technical Data

<b>CODE:</b>			<b>P500PVB</b>		
<b>Mass (gsm)</b>			60 to 65		
<b>Nominal Thickness</b>			600 micron (0.60mm)		
<b>Binder Type</b>	Urea Formaldehyde				
<b>Binder Content</b>	24%				
<b>Standard Widths/Lengths</b>	1000mm/100m; 1200mm/400m; 1200mm/800m; 1350mm/100m; 1500mm/500m				
<b>Fire Rating to AS1530, Part 3 -1999</b>			Ignitability Index	0 (Range 0-20 )	
			Spread of Flame	0 (Range 0-10 )	
			Heat Evolved Index	0 (Range 0-10 )	
			Smoke Developed Index	2 (Range 0-10 )	
<b>Fire Rating to AS/NZS3837, oxygen consumption calorimeter, 1998, at 50 kW/m</b>	Sample provided: P500PVB Classification: Group 1 (In accordance with Specification A2.4 of the Building Code of Australia.) Average specific extinction area: 14m <sup>2</sup> /kg.				

These specifications are subject to change without notice, and are sold subject to our standard condition of sale. Products can be made to order, at different mass, thickness and width to the above, and with roll lengths to suit your needs.

