

# Mayplas

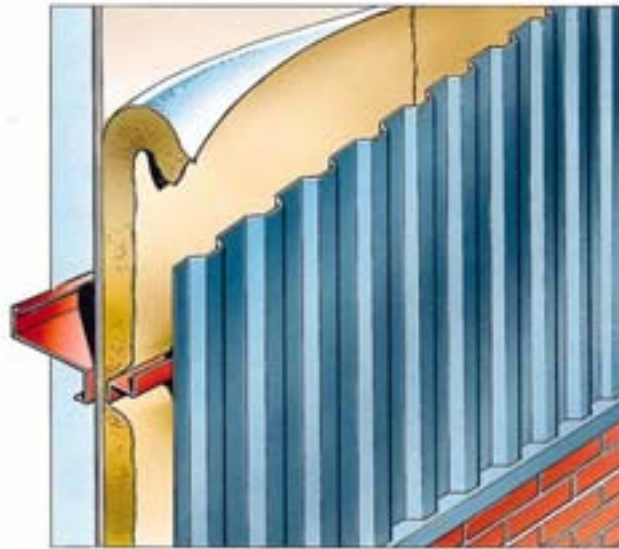
*The Insulation Converter*

## 53 I Foil Faced Glassfibre Roll

### Product Guide

Mayplas 53 I Foil Faced Glassfibre Roll is designed for use in thermal & acoustic applications where additional tear strength and a high efficiency vapour barrier are required

The foil facing forms a vapour barrier to DIN 53122 and is usually placed on the warm side of the structure



- \* **25mm - 200mm thicknesses**
- \* **Vapour Barrier to DIN 53122**
- \* **Class I Surface Spread of Flame**
- \* **Ideal for use under metal cladding**



FM 11012

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## **Product Specification** **53 I Foil Faced Glassfibre Roll**

The product consists of glassfibre roll  
faced on one side with FSK foil

<b><u>Roll Dimensions:</u></b>	25mm x 1200mm x 25.00m (30.00 m <sup>2</sup> ) 40mm x 1200mm x 16.00m (19.20 m <sup>2</sup> ) 50mm x 1200mm x 13.00m (15.60 m <sup>2</sup> ) 60mm x 1200mm x 15.00m (18.00 m <sup>2</sup> ) 80mm x 1200mm x 11.25m (13.50 m <sup>2</sup> ) 100mm x 1200mm x 9.17m (11.00 m <sup>2</sup> ) 150mm x 1160mm x 6.03m (6.99 m <sup>2</sup> ) 170mm x 1160mm x 5.30m (6.15 m <sup>2</sup> ) 200mm x 1160mm x 5.20m (6.03 m <sup>2</sup> )
<b><u>Foil Facing:</u></b>	Foil / Scrim / Kraft Paper laminate Vapour Barrier to DIN 53122 Class I Surface Spread of Flame to BS 476: Part 7:1987
<b><u>Glassfibre Nominal Density:</u></b>	10 kgs/m <sup>3</sup> : 60, 80, 100, 150 & 200mm 20 kgs/m <sup>3</sup> : 25, 40 & 50mm
<b><u>Thermal Resistance (R value):</u></b>	25mm: 0.75 m <sup>2</sup> K/W 50mm: 1.51 m <sup>2</sup> K/W 60mm: 1.35 m <sup>2</sup> K/W 80mm: 1.80 m <sup>2</sup> K/W 100mm: 2.25 m <sup>2</sup> K/W 150mm: 3.40 m <sup>2</sup> K/W 170mm: 3.85 m <sup>2</sup> K/W 200mm: 4.50 m <sup>2</sup> K/W
<b><u>Glassfibre Fire Rating:</u></b>	Non combustible to BS 476: Part 4 1970 (1984)
<b><u>Acoustics:</u></b>	e.g. when used for sound absorption over suspended ceilings Mayplas 53 I will typically achieve a Noise Reduction Coefficient of 0.8 in the range 125 - 400Hz

### **Fixing**

Fixing detail is dependent upon the intended application. However in most  
circumstances the foil facing is placed on the warm side of the structure



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