



# GUARDIAN INSULATION SOLUTIONS

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Guardian Class O Foil is prime grade aluminium, backed with glass scrim in a 5mm x 5mm square pattern effect which is supplied in silver as standard. Also stocked in white matt and black matt finishes these are lacquer coated

foils, and are for indoor use only. Guardian stock a wide range of white and black high stick tapes in only 75mm and 100mm widths which are made from the same foil rolls to match. They must be used as they are designed to adhere to the coating. Standard tapes are not designed to stick long term.

## GUARDIAN CLASS O FOIL FACING



### TECHNICAL DATA

Basic Weight	89 g/m <sup>2</sup>	DIN EN ISO 536
Tensile Strength Machine dir.	4000 N/m	DIN EN ISO 1924
Cross dir.	4000 N/m	DIN EN ISO 1924
Elongation Machine dir.	2.8%	DIN EN ISO 1924
Cross dir.	3.5%	DIN EN ISO 1924
Burst Strength	200 kPa	DIN EN ISO 2758
Temperature resistance	-5 ... +90° C	-
Corrosion 60C/95%R.H. /24h	0	-
Water Vapour Permeability g/m <sup>2</sup> /24h	0.05	DIN EN ISO 12572
Infrared Reflectivity	85%	-
Burning Class (in connection with suitable Glass Wool and adhesive)	Class O	BS 476

The statements made in this data sheet are the result of careful laboratory evaluations and represent the extent of our knowledge up to date. No guarantee can be made regarding specific applications or patent rights.

Guardian stock the following roll widths;

- Silver 600mm .Silver 1000mm
- Silver 1200mm .Silver 1250mm
- White 1200mm (1000mm available to order)
- Black 1200mm (1000mm available to order)

Note that 5/10mm on the long edges may be silver or white and black due to the manufacturing method tape covers this if fitted correctly. Self adhesive tapes are made from same log so as to match, the adhesive system is compatible with the coated foil. The tapes must be stored above 15 degree C. They can only be applied to a dust free dry surface please wipe accordingly . The must ONLY be applied at over 10 degree C we recommend above 15 degree C. ONCE APPLIED THE TAPE MUST BE SMOOTHED DOWN AND LEFT TO CURE 100mm is for joints and 75mm for banding and bends 25mm laps Only our tapes are compatible. It is best practise to warm tapes for 24 hours prior fitting to aid adhesive systems properties. Moisture in air must be below 25% or tapes will not stick

