

# Fire Gard Fire Curtain Fabric 1 Hour Rating Curtain

## ALUMINIUM PIGMENTED POLYURETHENE COATED E-GLASS CLOTH

<u>Finished Fabric</u>	<u>Units</u>	<u>Value</u>	<u>Tolerance</u>
Weight	g/m <sup>2</sup>	475	± 5%
Thickness	mm	0.4	± 5%
Max Operating Temp	°C	550	
Colour/Description	Silver/Grey coating both sides		

### Basic Fabric Construction

Weight	g/m <sup>2</sup>	475	± 5%
Weave pattern		4H Satin	
Construction			
Warp	Per cm	19.2	± 5%
Weft	Per cm	11.2	± 5%
Yarn count			
Warp	Tex	EC9 136	
Weft	Tex	EC9 136	
Tensile Strength			
Warp	N/5cm	4800	± 10%
Weft	N/5cm	3700	± 10%

### Treatment/Coating Details

Weight	g/m <sup>2</sup>	50	± 10%
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25 g/m<sup>2</sup> of aluminium pigmented PU coated on each side.

### Comments

This cloth satisfies the requirements of clause 5 of BS476: part 2 with a 90 minute fire rating, at which point the test was discontinued. M0 certification.

The PU coating is also an economical finish which stabilises the glass fibres, allowing for easier cutting/tailoring.