

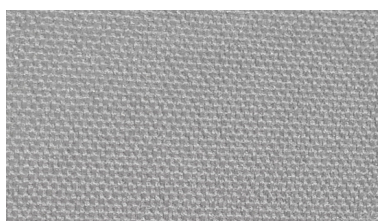
DSI INSULATED FABRIC PANEL

DSI-FW119 Fabric Fire Wall Component

The DSI Insulated Fabric Panel is a specially designed material engineered to provide fire integrity and insulation, serving as an effective barrier against fire and heat propagation. It features a unique combination of a ceramic blanket sandwiched between two layers of fiberglass fabric.

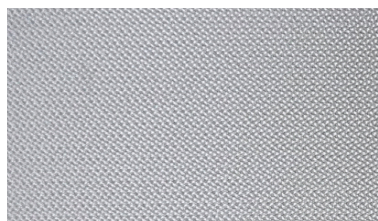
This combination of materials ensures that the DSI Insulated Fabric Panel effectively achieves the desired fire resistance and insulation performance in the event of a fire.

VWG 610 - SPECIFICATIONS



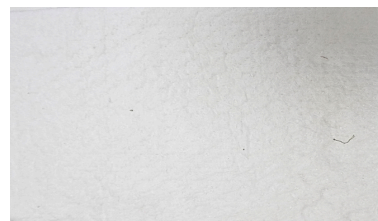
Specifications	Data	Unit	Tolerance	Standard
Yarn (Warp)	136	Tex	±5%	GB/T 7690 1-87
Yarn (Weft)	136	Tex	±5%	GB/T 7690 1-87
Yarn Count (Warp)	18.0	Ends/cm	±5%	GB/T 7690 5-2001
Yarn Count (Weft)	12.0	Ends/cm	±5%	GB/T 7690 5-2001
Tensile Strength (Warp)	3500	N/50mm	≥	GB/T 7690 5-2001
Tensile Strength (Weft)	2500	N/50mm	≥	GB/T 7690 5-2001
Area Weight	430	G/m2	±10%	GB/T 9914.3-2001
Thickness	0.40	Mm	±10%	GB/T 9914.3-2001
Coating Weight	Al Foil -18, PU - 30	G/m2		
Total Weight	510	G/m2		
Finish Type	Flame retarded aluminum pigment Polyurethane(PU)			
Weave Pattern	4H Satin			
Service Temperature	PU 150°C, Aluminum foil 250°C, Fiberglass 550°C			

VG 510 - AL SPECIFICATIONS



Specifications	Data	Unit	Tolerance	Standard
Yarn (Warp)	136x1-S.S	Tex	±5%	GB/T 7690 1-87
Yarn (Weft)	136x1-S.S	Tex	±5%	GB/T 7690 1-87
Yarn Count (Warp)	15.0	Ends/cm	±5%	GB/T 7690 5-2001
Yarn Count (Weft)	10.0	Ends/cm	±5%	GB/T 7690 5-2001
Tensile Strength (Warp)	3500	N/50mm	≥	GB/T 7690 5-2001
Tensile Strength (Weft)	3000	N/50mm	≥	GB/T 7690 5-2001
Area Weight	550	G/m2	±10%	GB/T 9914.3-2001
Thickness	0.50	Mm	±10%	GB/T 9914.3-2001
Coating Weight	60	G/m2		
Total Weight	610	G/m2		
Finish Type	Flame retarded aluminum pigment Polyurethane(PU)			
Weave Pattern	Plain			
Service Temperature	Keep integrity at 1200° C			

CERAMIC BLANKET SPECIFICATIONS



Specifications	Data	Unit
Working Temperature	1000	Deg Celcius
Permanent linear variation at 950°	136x1-S.S	Deg Celcius
Tensile strength	0.05	N/50mm
Fiber Diameter	3.5	Um
Shot Content	15	%
Density	96	Kg/m3
Thermal Conductivity at 400 Deg C	0.088	W/m.k
Thermal Conductivity at 500 Deg C	0.121	W/m.k
Thermal Conductivity at 600 Deg C	0.147	W/m.k



GUARANTEED QUALITY

Door Systems guarantee high quality products, tested to both UL and BS standards.



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