

DATASHEET

KENT VG455 FABRIC



DESCRIPTION

VG455 is a specially formulated medium weight fibreglass fabric, coated with aluminum pigmented polyurethane on both sides of the fabric which creates a reflective heat shield and enhances durability and flexibility of the fabric. It is tested to BS 476 Pt 6 (fire propagation) and Pt 7 (surface spread of flame), ASTM E 84 & UL 723

When tested to EN 12101-1 as part of the Kent Automatic Smoke Curtain, VG455 has successfully passed Annex B (material durability cycle test), Annex C (air leakage test) and Annex D (120 minutes fire resistance). The Kent Automatic Smoke Curtain using the VG455 fabric is approved for a CE D120 label.



Specifications	Data	Tolerance	Test Method
Thickness	.41mm	± 10 %	DIN ISO 4603/E
Base Fabric Weight	415g/m ²	± 5 %	DIN EN 12127
Coated fabric weight	455g/m ²	± 10 %	DIN EN 12127
Base Fabric Yarn (Warp)	EC9-136	± 5 %	DIN EN 12654
Base Fabric Yarn (Weft)	EC9-136	± 5 %	DIN EN 12654
Thread Count (Wrap)	18.6 per 1cm	± 5 %	DIN EN 1049
Thread Count (Weft)	11 per 1 cm	± 5 %	DIN EN 1049
Coated Side	Both Sides		
Thread	Stainless Steel		
Standard Color	Grey		
Coated Fabric Tensile Strength (Wrap)	1300 N/cm		DIN ISO 4606
Coated Fabric Tensile Strength (Weft)	900 N/cm		DIN ISO 4606
Weave	4 Shaft Satin		DIN ISO 4606
BS 476 Pt 6 & Pt 7	Class 0		
EN 23501-1	A2.s1.d0 & BG Nr. 119.112		