McAllister Mills
THERMAL COMPOSITES

Style MM660C-50FP: VR1200 Fabric

0.024" Thick

REVISED: MARCH 3, 2016

Superior strength and abrasion resistance even at temperature. Often used in fire protection composites due to the high melt temperature of basalt. The coating improves fabric stability and seam strength when cut, punched, or sewn.

Service Temperature: 1200°F (Continuous)
Melt Temperature: 2642°F
Weave: Twill 1/3
Construction: 42 x 5 (x2)
Thickness: 0.024"
Sizing Type: AminoSilane
Breaking Strength: Warp - 6.9 ends/cm; Fill - 6.9 ends/cm
Breaking Load: Warp - N/25mm, Value >6000; Fill - N/25mm, Value >3000
Moisture Content (Fabric): <0.30
LOI, also sizing content: 0.40 - 0.60
Combustibility: Pass
UV Stability: >7
Coating: PUR
Specific Surface Weight: ISO 3374:2000, Unit g/m2, Value 660
Width: ISO 5025:1997, Unit mm, Value 1540
Thickness: ISO 4603:1993, Unit mm, Value 0.6
Resistance to Crib 5 Source: BS6807:1996 - ~2, Pass
Resistance to Smoldering Cigarette: BS EN 597-1:1995, Pass

Reaction to Fire: FD P 92-507:1997, Pass
Resistance to Match Flame: BS EN 597-2:1995, Pass
Combustibility: NF P92-503:1995, Unit M1, Pass
Abrasion Resistance: ISO 12947-2:1998, Unit # Cycles, Value 20.00 (Coated Sides)
UV Stability: ISO 105-B02