



VersaShield® I

Typical Property Sheet

Flame Resistance / Barrier Properties

- California TB 129: Standard Flame (3 min.)
- California TB 129: Extended Flame (60 min.)
- California TB 603: Standard Flame (50 & 70 sec.)*
- California TB 603: Extended Flame (100 & 140 sec.)*

*Approved within construction

Excellent

Passed

Passed

Passed

Passed

Basis Weight

5.0 oz/yd2

Thickness

45 mils (0.045 in.)

Frazier Porosity / Breathability

25.0 cfm/ft2

Composite Durability

Excellent

- Elmendorf Tear: Machine Direction
Cross Direction
- Tensile Strength: Machine Direction
Cross Direction

3,200 grams

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500 lbs/3" width

500 lbs/3" width

Resistance to Hydrocarbons

Excellent

Resistance to Industrial Cleaners

Excellent

Resistance to Alkaline/PH Values 7.5-14.0

Excellent

Composite Hand Pliability — Manipulations

Excellent

Inherent Properties

Soft, Firm (Moldable), Breathable, Cushiony, Opaque, Anti-Skid

Testing in Progress

Fungal Growth — Designed to be an anti-microbial barrier to inhibit the growth of mold and mildew

Bacterial Growth — Designed to inhibit the growth of the Bacterium

Escherichia Coli (E. Coli)

Allergens — Intended to impede the spreading of dust mites

For more information about VersaShield Fire Barrier and consumer product applications, please contact Elk Technologies at 404.338.0639.

