

## SHEERFILL® V with EverClean®

SHEERFILL Architectural Membrane is the original permanent tensioned membrane. SHEERFILL V is our lightest weight architectural membrane, designed to meet the needs of smaller structures, including canopies, shade structures and the like.

EverClean Photocatalytic Topcoat provides enhanced self-cleaning properties, helping to keep the membrane whiter and brighter while further reducing the already low maintenance requirements of the PTFE coating. In addition, EverClean helps to clean the air through the reduction of SO<sub>x</sub> and NO<sub>x</sub> atmospheric pollutants.

All SHEERFILL membranes conform to rigid fire and building codes for permanent structures.

## Typical Properties

| Property  | Value                                 | Test Method              |
|---|---------------------------------------|--------------------------|
| <b>Coated Fabric Weight</b> (g/m <sup>2</sup> ) | ca. 985                               | DIN 53352                |
| <b>Greycloth Weight</b> (g/m <sup>2</sup> )     | ca. 355                               | DIN 53854                |
| <b>Yarn</b> (W/F)                               | 132/198                               | DIN 53830                |
| <b>Ends/Picks</b> (W/F pro cm)                  | ca. 13/9                              | DIN 53853                |
| <b>Tensile Strength</b> (N/5cm)                 |                                       |                          |
| Warp  | 5000 min. avg.                        | DIN 53354                |
| Fill  | 5160 min. avg.                        |                          |
| <b>Trap Tear Strength</b> (N)                   |                                       |                          |
| Warp  | 300 min. avg.                         | DIN 53363                |
| Fill  | 300 min. avg.                         |                          |
| <b>Adhesion</b> (N/5 cm)                        | 75 min. avg.                          | DIN 53357                |
| <b>Translucency at 550 nm</b> (%)               | ca. 16                                | -                        |
| <b>Solar Reflectance</b> (%)                    | 74 nominal                            | ASTM E424                |
| <b>Fire Testing</b>                             | B-s1-d0                               | EN 13501                 |
| <b>Burning Characteristics</b>                  |                                       |                          |
| Flame Spread                                    | 0 max                                 | ASTM E84                 |
| Smoke Generation                                | 0 max                                 | Tunnel Test              |
| <b>Incombustibility of Substrates</b>           | Pass                                  | ASTM E136                |
| <b>Fire Resistance of Roof Coverings</b>        |                                       |                          |
| Spread of Flame & Intermittent Flame            | Class A                               | ASTM E108                |
| <b>Flame Resistance</b>                         | Pass                                  | NFPA 701,<br>Small Scale |
| <b>Support Cloth</b>                            | EC3                                   | DIN 60001                |
| <b>Color</b>                                    | White<br>(after exposure to sunlight) | -                        |

Values listed are for virgin roll goods only. Appropriate industry safety factors need to be used to account for the in-service effects of handling, weathering, etc.

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**IMPORTANT:** It is the user's responsibility to ensure the suitability, fitness and safety of Saint-Gobain Performance Plastics products for all intended uses and that the components to be used comply with all applicable regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility or liability for any advice furnished by it or for any product failures that occur due to installation or misuse arising out of the design, fabrication or application of the products into which they are incorporated.

**Limited Warranty:** Please see the limited warranty available from Saint-Gobain Performance Plastics for details of warranty coverage for the specific SHEERFILL product. If you have questions about the limited warranty, please contact Saint-Gobain Performance Plastics as referenced above.

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