



FIVE TWENTY NINE™
Architectural PTFE Membrane Cladding

| Property | Value | Method |
|--|--|-----------------------|
| Coated Fabric Weight (oz./yd.2) | 29 nominal | ASTM D4851-88 |
| Thickness (mils) | 22 nominal | ASTM D4851-88 |
| Breaking Strength (lb./in.) (Strain Rate: 2 in./min.) | | ASTM D4851-88 |
| Dry, Warp | 520 min. avg. | |
| Dry, Fill | 590 min. avg. | |
| Breaking Strength After Crease Fold (lb./in.) | | ASTM D4851-88 |
| Dry, Warp | 355 min. avg. | |
| Dry, Fill | 380 min. avg. | |
| Trapezoidal Tear (lb.) | | ASTM D4851-88 |
| Warp | 35 min. avg. | |
| Fill | 380 min. avg. | |
| Solar Transmission (%) | 17.5 nominal | ASTM E424 |
| Solar Reflectance (%) | 72.5 nominal | ASTM E424 |
| Burning Characteristics | | |
| Flame Spread | 0 max. | ASTM E84 |
| Smoke Generation | 0 max. | Tunnel Test |
| Incombustibility of Substrates | Pass | ASTM E136 |
| Fire Resistance of Roof Coverings | Class A | ASTM E108 |
| Burning Brand | | |
| Flame Resistance | Pass | NFPA 701, Small Scale |
| Color | White (after exposure to sunlight) | |
| Reinforcement Construction | Warp β 150 2/2, Fill β 150 2/3-Count W32 x F23 | |



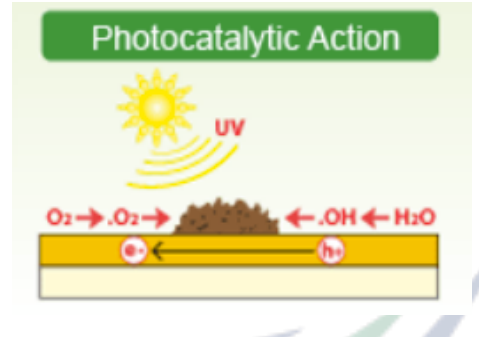
TENSILE STRUCTURE SYSTEMS

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EverClean™ - First in PTFE architectural membranes. . First for the environment.

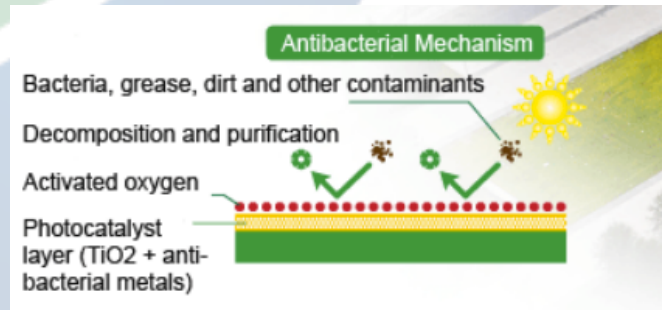
Introducing EverClean™ TiO₂-Based Photocatalytic Coating Technology. EverClean Topcoat eliminates all surface dirt. When UV light strikes the EverClean photocatalytic TiO₂-based surface, hydroxy radicals (.OH) and superoxide radicals (O₂-) oxidize (decompose) all organic substances. Rain or water simply washes them away keeping surfaces dazzling white forever! Maintenance cleaning is eliminated, as are environmentally harmful cleaning agents.



EverClean Topcoat TIO₂ technology is a chemical reduction process that decomposes two atmospheric pollutants nitrogen oxide and sulfur oxide in the presence of UV light. These pollutants commonly found in exhaust fumes and smoke, are major contributors to acid rain and urban ozone. The EverClean chemical reduction process releases nitrate ions that are eventually washed into the soil and help to fertilize plants.



EverClean has antibacterial, anti-mold, anti-dirt and anti-odor properties. Organic substances are decomposed by the constant generation of activated oxygen making it environmentally perfect for the planet.



Born green, always green.

While others are working to become "Green," this technology was born green over 38 years ago and is truly the quintessential "green" choice for Architects and companies seeking energy-saving products and the coolest roof on the planet. The first architectural membrane to be rated by the CRRC (Cool Roof Rating Council), it has a solar reflectance of 71% and a thermal remittance of 89%. For those seeking LEED points, lower air conditioning costs, and maintenance-free attributes with dynamic aesthetics, look no further.



Noncombustible



Hydrophobic



Translucent



Energy Star Certified

EverClean™ keeps surfaces clean today, tomorrow...forever



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