



FIVE TWENTY NINE™

Architectural PTFE Membrane Cladding

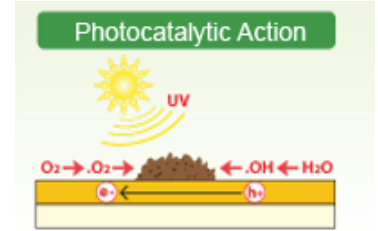
Property	Value	Method
Coated Fabric Weight (oz./yd. ²)	29 nominal	ASTM D4851-88
Thickness (mils)	22 nominal	ASTM D4851-88
Breaking Strength (lb./in.) (Strain Rate: 2 in./min.)		ASTM D4851-88
Dry, Warp	520 min. avg.	
Dry, Fill	590 min. avg.	
Breaking Strength After Crease Fold (lb./in.)		ASTM D4851-88
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 Burning Brand	Class A	ASTM E108
Flame Resistance	Pass	NFPA 701, Small Scale
Color	White (after exposure to sunlight)	
Reinforcement Construction	Warp β150 2/2, Fill β150 2/3-Count W32 x F23	

tensilestructures.com

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.



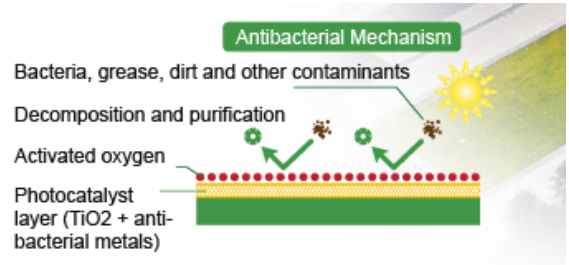
EverClean purifies the atmosphere by removing NO_x and SO_x. EverClean Topcoat TiO₂ technology is a chemical reduction process that decomposes two atmospheric pollutants nitrogen oxide and sulfur oxide in the presence of UV light. These pollutants commonly found in exhaust fumes and smoke, are major 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