

VERSIWELD[®] TPO

with OctaGuard XT[™] Weathering Package



Versico has been at the forefront of TPO development for nearly 20 years and continues to lead the industry with its high-performance OctaGuard XT weathering package that is incorporated into VersiWeld TPO membrane and accessories. OctaGuard XT weathering package technology is comprised of eight performance-enhancing ingredients, including three heat-stabilizing antioxidants and three UV light stabilizers as well as organic and inorganic UV absorbers. When combined, these eight ingredients provide a weathering package second to none in the TPO industry.

The Tests

TPO membrane samples from four manufacturers, including Versico, were recently subjected to accelerated heat aging in a controlled 240°F environment. Heat aging accelerates the impact that heat plays on TPO and evaluates its performance on the roof. Samples were removed when they showed signs of cracking or were deemed not suitable to perform as a waterproofing membrane. Extreme Xenon Arc Weatherometer testing also reveals that VersiWeld TPO can withstand twice the ASTM D6878 requirement of 10,080 kJ/m² without losing its desired physical properties.

Heat Aging Following ASTM D6878 Protocol



Versico VersiWeld – 60 Weeks (No Failure)



"Competitor C" TPO – 37 Weeks



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The Results

Independent test results and a chemical analysis show that VersiWeld TPO with OctaGuard XT contains more weather-protecting ingredients than any other TPO membrane tested, which means Versico's TPO provides superior long-term protection against the dangers of heat and UV exposure.

With Versico's VersiWeld TPO, featuring OctaGuard XT weathering package, you get a whiter, cleaner and more energy-efficient, longer-lasting and weather-resistant TPO roofing system. Versico's VersiWeld TPO with OctaGuard XT weathering package technology has set a new standard in the thermoplastic single-ply industry.

Whiter, Longer

As a white membrane collects dirt, the cost savings associated with having a reflective roof are severely reduced and the higher associated temperatures can accelerate aging. The time-tested VersiWeld TPO compound, which includes OctaGuard XT along with Versico's state-of-the-art manufacturing process, produces one of the smoothest TPO sheets on the market. The extremely smooth top ply of Versico's TPO reduces the ability of dirt, mold, bacteria and other contaminants to collect on the membrane, keeping it whiter longer and increasing the efficiency and potential lifespan of your TPO roof.

Reflectivity Warranty

Versico backs their commitment to long-term performance and energy-efficiency with an industry-leading Reflectivity Warranty on all white TPO membranes. A warranty backed by a company with over 50 years of single-ply manufacturing experience.

Benefits of a Versico VersiWeld TPO roof system featuring the OctaGuard XT weathering package include:

- Cleaner surface
- Long-term energy efficiency in warm, southern climates
- Greater weather resistance
- Improved long-term performance
- Heat and UV resistance

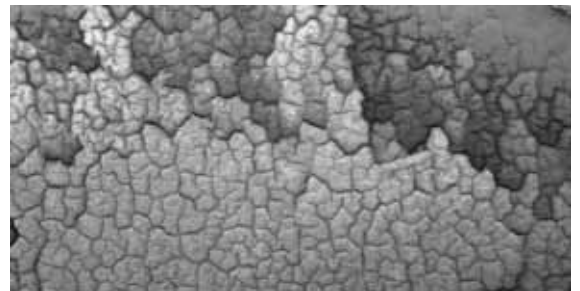
Cool Roof Rating Council (CRRC) Solar Reflectance Rating

	% of Sunlight Reflected	
	Initial	3-year Aged
Versico's VersiWeld TPO	.79	.70
Competitor A	.79	.68
Competitor B	.76	.68
Competitor C	.79	.68

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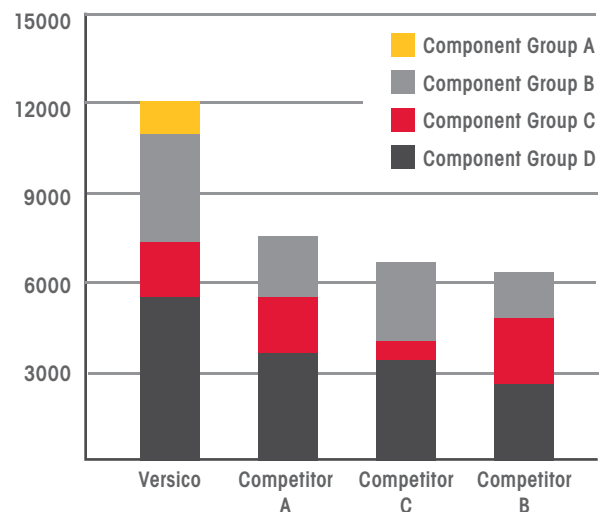
Versico TPO with OctaGuard XT



The Other Guys

45-mil TPO membrane at 50x magnification after extreme simulated UV exposure.

Chemical Analysis



A SINGLE SOURCE FOR SINGLE-PLY ROOFING

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