



ALKOXY

GE ENDURIS SILICONE ROOF COATING

GE Enduris 3500 series “Alkoxy” chemistry allows for unique and proprietary organofunctional silane adhesion promoters to be utilized.

Unique adhesion promoters enable GE Enduris 3500 series coatings to be applied over a wide variety of substrates without the aid of a primer.

GE Enduris 3500 series coatings can be used to re-coat aged silicone of differing chemistries.

GE Enduris 3500 series coatings can be re-coated after the expiration of warranties occurs. This has been done successfully since the mid 1960’s.

GE Enduris “Alkoxy” chemistry doubles the elongation values of the competition, ensuring water-tightness despite roof movement.

GE Enduris 3500’s Alkoxy based silicone coating releases methanol as it cures, and is harmless to its surroundings.

Unlike solvent based silicones, which release high levels of VOCs and toxic byproducts, GE Enduris was formulated to be neutral to the surrounding environment.

GE Enduris 3500 is approved for roof water catchment systems.

GE Silicone manufacturing is vertically integrated. Quality control is ensured at every step.

OXIME

THE COMPETITION

Oxime based chemistry is limited in the compatibility of available adhesion promoters.

Oxime based silicones must rely on the adhesion of various primers. Dissimilar products, even plausibly compatible products, have more risk of failure due to dissimilar physical properties.

Oxime based silicones may have problems adhering to other silicone chemistries.

Oxime based silicones may have problems adhering to itself after aging. As most oxime silicones have not had the first installations reach the end of the warranty period, there is much testing left to be done.

Oxime based formulations have inferior elongation attributes when compared to GE Enduris “Alkoxy” chemistry.

Oxime based silicone chemistry releases Methyl Ethyl Ketoxime as it cures.

MEK is known to cause health risks, and is a suspected carcinogen (cancer causing).

Oxime based chemistry was deliberately excluded from the GE Silicones formulation due to our commitment to environmental responsibility, and its physical attributes.