The COOLWALL® infrared heat-reflective coating system with Kynar® combines two industry-leading technologies for a revolutionary coating system. Textured Coatings of America, Inc. has been manufacturing high performance coatings for over 52 years. The manufacturer of Kynar®, Arkema, Inc., has been producing industry and specialty chemicals since the 1800s.

- Kynar® Polyvinylidene fluoride (PVDF) technology has been used in baked-on metal finishes, solar panels, water purification systems, electronics, fiber optics, protective films, and many other applications and is now being utilized in architectural finishes and paints.
- The addition of Kynar Aquatec® to the COOLWALL® system increases the coating’s Total Solar Reflectance (TSR), leading to even larger reductions in surface temperatures when compared to traditional coatings. This formulation also provides greater strength, durability, gloss retention and fade resistance.
- Unlike conventional paint resins that require the addition of a chemical mildewcide, Kynar® PVDF resin is a natural barrier to mold, mildew, and dirt pick-up due to its low water absorption and low surface tension. Since these properties are inherent in the Kynar® resin, this protection will last for the life of the coating and will not leach out over time as mildewcides do in conventional paints.

Aluminum Panels with White Coatings in Florida with 10 Years Weathering

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