PROJECT PROFILE – CONROE ISD, HOUSTON, TX
Conroe ISD in Houston, TX had a problem. Although their metal roof components still looked good after 10 plus years of exposure to the Texas sun, they were experiencing leaks at the seams and fasteners. Sealing these areas would also mean recoating the roof components to ensure uniform color throughout.

ReflectiClean®, a Kynar Aquatec® emulsion-based paint manufactured by ER Systems was used on this job. ReflectiClean® was used on the metal as both a primer, before sealing the seams and fasteners, and as the finish coat. ReflectiClean® exhibits exceptional adhesion to metal components featuring a Kynar 500® based coating and provides improved adhesion for many types of sealants. ReflectiClean® was used as a finish coat due to its high durability and excellent color stability.

METAL RESTORATION
Coatings based on Kynar Aquatec® can now be applied in the field to protect metal surfaces with a weatherable fluoropolymer based finish. This enables metal surfaces to be touched-up, repaired, or restored. A non-cool metal roof can easily be converted to a white cool roof, the color of the roof can be changed to match building décor, and faded colors can be restored. And, these coatings have good adhesion to previously coated surfaces including Kynar 500® based coatings and acrylic coatings.
KYNAR AQUATEC®: A WATER-BASED FLUOROPOLYMER PLATFORM

Kynar Aquatec® is a new innovative platform of emulsions, which are used by paint formulators to make premium weatherable water-based coatings. Coatings formulated with these emulsions can provide the durability and performance of traditional Kynar 500® based coatings. They can be easily applied to a variety of substrates, including metals, plastics, wood, concrete, textiles, and previously painted surfaces.

Now the extreme weatherability of a Kynar 500® based coating is available in a VOC-compliant, field- or factory-applied, ambient air-dry system. Additional benefits include tremendous resistance to dirt pick-up, outstanding water repellency, and high initial and long-term Total Solar Reflectance and Emissivity.

Contact us around the world.

Arkema Inc.
900 First Ave
King of Prussia, PA 19406
800-KYNAR-500

Arkema
420 rue Estienne d’Orves
92705 Colombes Cedex France
(+33) (0) 1 49 00 80 80

Arkema
Ruby House, B Wing, 2nd Floor
J. K. Sawant Marg
Dadar (w), Mumbai 400 028 India
Tel: 91 22 2438 7500
Fax: 91 22 2438 7550

Arkema
Unit 2801-06, Hong Kong Plaza
283 Huai Hai Road (M)
Shanghai 200021, P.R. China
86-21-6386-3028

Arkema K.K.
Fukoku Seimei Bldg 15F
2-2-2 Uchisaiwaicho
Chiyoda-Ku
Tokyo 100-011, Japan
81-3-5251-9665

Arkema
11F, Oriental Chemical Building
50, Sogong-dong
Jung-gu, Seoul, 110-718, Korea
82-2-3703-6822

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