

KYNARAQUATEC® BY ARKEMA

WATER-BASED PVDF

FIELD APPLICATION CASE STUDY



Kymax®, a Kynar Aquatec® emulsion-based coating, was selected for use on the Jobing.com logo for its physical performance properties

"This is the largest sign we have ever made," said Andy Salcido of bluemedia, the firm hired to create the enormous sponsorship advertisement on the roof of the Glendale Arena. The layout is 290 feet wide by 120 feet tall, with the largest letter being the "J" in Jobing.com. It measures 45 feet tall by 35 feet wide. The next largest letter is the "A" in Arena, which measures 32 feet tall by 37 feet wide.

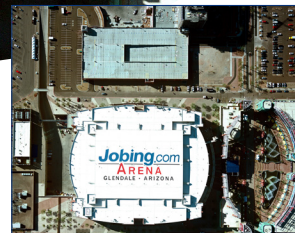
The conditions and requirements for this project made it necessary to select a color-stable finish that was capable of withstanding the harsh Arizona sun and compatible with the existing roof substrate. KYMAX®, a Kynar Aquatec® emulsion-based coating, was selected based on its physical performance properties. Kynar Aquatec® emulsion-based coatings are recognized as excellent, long-lasting, color stable coatings. The logo was first laid out using Roof Mate™ basecoat, which provides a highly cohesive

bond to both the base substrate and the KYMAX® topcoat. The design layout was then approved from aerial photos. KYMAX® was tinted using the highest quality UV stable pigments available and then carefully applied according to factory specifications. With proper maintenance, the logo will last well beyond its 10 year warranty.

Extreme Weatherability

Outdoor exposure will break down almost all coatings, causing them to chalk, fade, and discolor. Kynar 500® based coatings are known for excellent performance under severe conditions. Similarly, coatings based on Kynar Aquatec® emulsions will withstand extended exposure to water, humidity, temperature extremes, ultraviolet rays, oxygen, and atmospheric pollutants. Performance testing shows these coatings retain color and gloss like no other conventional water-based coating.

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Project:
Jobing.com Arena
Glendale, AR

Coating:
Kymax®

Coating Supplier:
Quest Construction Products,
Home of United Coatings
Phoenix, Arizona

*Photograph courtesy of
United Coatings Corporation
and bluemedia*

ARKEMA
INNOVATIVE CHEMISTRY

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

North America

Arkema Inc.
800-KYNAR-50
(800-596-2750)

France

Arkema France - Siège Social
420 Rue d'Estienne d'Orves,
92700 Colombes, France
Tel: 33 1 49 00 80 80
Fax: 33 0 1 49 00 83 96

Korea

Arkema Co. Ltd
7F, Dongsung Building, 17-8,
Yeouido-dong, Yeongdeungpo-gu,
Seoul, 150-874, KOREA
Tel: 82 2 3703 6822
Fax: 82 2 3703 6891

India

Arkema India
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

Japan

Arkema K.K.
Fukoku Seimei Bldg 15F
2-2-2 Uchisaiwaicho
Chiyoda-Ku
Tokyo 100-011, Japan
Tel: 81 3 5251 9649
Fax: 81 3 5251 9930

China

Arkema (China) Investment Co. Ltd.
Shanghai Branch
6/F, Block 1, Life Hub@Daning,
1868 Gonghexin Road,
Shanghai 200072, P.R. China
Tel: 86 21 6147 6888
Fax: 86 21 6147 6746

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