

# TRINAR<sup>®</sup>

A versatile high performance 70% PVDF spray coating for the architectural market



**AkzoNobel**

Tomorrow's Answers Today



# High performance coatings for architectural aluminum

The TRINAR® family of coatings is the perfect product for the AAMA 2605 Superior Performance specification.

TRINAR® is ideal for the monumental project as well as any residential or low rise project that requires lasting durability and beauty. One of the secrets of TRINAR®'s superior durability lies in the molecular structure of its 70% polyvinylidene fluoride (PVDF) resin. This unique carbon/fluorine bond is the key to its unsurpassed thermal, chemical and ultraviolet resistance properties. When coupled with our proprietary acrylic resin and premium ceramic and select inorganic pigmentation, this system demonstrates remarkable resistance to weathering, fading, cracking and chalking.

TRINAR® is available in a wide array of pre-formulated colors, including pearlescent and metallic finishes, that blend well with most collateral construction materials. You can even request special color-matched formulations for a more exact match.

## The best coating for aluminum extrusions

TRINAR® is considered by many to be the premiere architectural finish in the aluminum extrusion industry. It can be applied to any aluminum building component such as window and wall systems, aluminum extruded profiles, louvers, column covers and more.

Spray TRINAR® exhibits excellent performance in all environmental conditions with superior color retention due to premium pigmentation. Its batch to batch consistency is unparalleled thanks to our extensive quality systems. This results in a product with reliable, hassle free application whether it is applied on a horizontal or vertical spray coating line.

## Test specifications

All TRINAR® systems meet or exceed the requirements of AAMA 2605, the most recognized specification for fenestration coatings in the world. Only applicators which consistently meet stringent quality process parameters are approved to apply TRINAR®.

## ULTRA versions - lower VOC's

Every TRINAR® system except for TRINAR® ADS is also available in *ULTRA* versions, which contain lower volatile organic compounds (VOC's). They have the same great performance as the standard versions with the added benefit of being more environmentally friendly.

## COOL CHEMISTRY® Series

TRINAR® coatings are also available in our COOL CHEMISTRY® Series which contain infrared reflective pigments. This pigmentation increases solar reflectivity and helps reduce energy costs associated with cooling, especially when combined with cool metal roofing. TRINAR® coatings are also ideally suited for application on louvers and other sun screens, which can be used to create shaded areas either inside or outside a building.



# There's a TRINAR® that's right for all your projects

## TRINAR® product comparison guide

PRODUCT NAME	RESIN PERCENTAGE	COST RATING	COLORS	GLOSS RANGE	DRY FILM THICKNESS	TOTAL DFT (MILS)
TRINAR®	70% PVDF 30% Acrylic	\$	Earth Tones	25-35	0.2-0.4 (Primer) 1.0-1.2 (Topcoat)	1.2-1.6
TRI-Escent® II	70% PVDF 30% Acrylic	\$\$	Mica	15-25	0.3-0.5 (Primer) 1.1-1.3 (Topcoat)	1.4-1.8
TRINAR® TMC	70% PVDF 30% Acrylic	\$\$\$	Metallic	25-35	0.2-0.4 (Primer) 1.0-1.2 (Topcoat) 0.4-0.6 (Clear coat)	1.6-2.2
TRINAR® TEC	70% PVDF 30% Acrylic	\$\$\$	Bright	25-35	0.2-0.4 (Primer) 1.0-1.2 (Topcoat) 0.4-0.6 (Clear coat)	1.6-2.2
TRINAR® ADS	70% PVDF 30% Acrylic	\$\$\$\$	Earth Tones Mica	25-35	0.1-0.3 (Primer) 1.0-1.2 (Topcoat)	1.1-1.5

ALL TRINAR® PRODUCTS EXCEPT TRINAR® ADS ARE ALSO AVAILABLE IN ECO-FRIENDLY ULTRA VERSIONS



### TRINAR® and TRINAR® ULTRA

TRINAR® is our finest and most versatile liquid spray extrusion coating. It is a two coat system which contains 70% PVDF resin. TRINAR® provides long term beauty for a wide range of metal building components such as panel systems, curtain walls, window systems, louvers, canopies, mullions, store fronts and fascia.

TRINAR® is also available in our TRINAR® ULTRA product line, which has the same great performance as the standard version, but contains less VOC's for a more environmentally friendly product.

### TRI-Escent® II and TRI-Escent® II ULTRA

TRI-Escent® II is a distinctive combination of ceramic and mica/pearlescent pigments and our proven 70% fluoropolymer TRINAR® resin system, which offers a striking new dimension to architectural design. This two-coat process offers a unique substitute for both metallic and anodized finishes.

TRI-Escent® II subtly appears to change color as the angle of the sun changes, season after season, year after year. Whether your color design requirements call for a bold statement or a soft and subtle appearance, our wide array of TRI-Escent® II colors should provide the desired effect to make your projects stand out. TRI-Escent® II colors are also available in our

TRI-Escent® II ULTRA product line, with the same great performance but lower VOC's for a more environmentally friendly product.

### TRINAR® TMC and TRINAR® TMC ULTRA

TRINAR® TMC is a three coat system encompassing metallic colors and topped with a protective clear coat. TRINAR® TMC is identified as a three coat system by the suffix TMC, which stands for TRINAR® Metallic Clear. The colors available in this system offer either a bright or subdued metallic color which have become very popular and accepted throughout the architectural aluminum industry.

### TRINAR® TEC and TRINAR® TEC ULTRA

Like TRINAR® TMC, TRINAR® TEC is also a three coat system. The suffix stands for TRINAR® Exotic Clear, and as the name indicates the colors available in this system are bright, exotic colors topped with a protective clear coat. These colors are extremely vibrant, bright and clean, and lend themselves beautifully to applications requiring a striking accent or very bold statement in design.

### TRINAR® ADS

TRINAR® ADS is an air dry formulation of our two coat TRINAR® system. It contains the same durable formulation as our standard TRINAR® system, with 70% PVDF resin. It is perfectly suited for touch-up applications and also for painting materials that will not tolerate the elevated bake temperatures required of our other spray TRINAR® systems.

### For more information

Please contact your salesman or one of our many global locations for color selections, pricing, warranty and technical information. We look forward to showing you how TRINAR® can enhance your next project.

# Worldwide operations



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To learn more about our complete line of extrusion coatings that are available in the Americas, visit us at [www.akzonobel.com/ccna](http://www.akzonobel.com/ccna).



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## [www.akzonobel.com/ccna](http://www.akzonobel.com/ccna)

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