

# RELIABLE

## ARCHITECTURAL PRODUCTS

*RELIABLE* finishes enhance product appearance to blend with other colors selected. These same finishes provide extended weathering resistance similar to adjacent building surfaces. *RELIABLE* provides most finishes available to architects and engineers. The standard finishes described herein represent those finishes usually selected, specified, or required for most applications.

## Finishes and Color Guide

### 2 Coat - 50% and 70% PVDF - Standard Colors

The 15 colors below are available in 2 Coat (50% PVDF) or 2 Coat (70% PVDF) finishes only.



\* BONE WHITE (24)



\* DARK BRONZE (75)



\* PORTLAND STONE (49)



\* LIGHT STONE (43)



\* SHELBURNE (69)



\* FOREST GREEN (36)



\* SANDSTONE (67)



\* HERRINGBONE (37)



\* CORONADO RED (34)



\* SAHARA TAN (65)



\* STONE GRAY (78)



\* ASCOT WHITE (19)



\* BLACK (89)



\* MEDIUM BRONZE (72)



\* TAUPE (52)

### Pearledize 70 and Pearledize 50 Standard Colors

The 9 colors below are available in Pearledize 70, Pearledize 50, Clear or Color Anodize finishes only, and may be more expensive than the 50% and 70% PVDF colors shown above. *Italicized color names and codes are available in Anodized Finish.*



\* DARK BRONZE (75)  
\* *DARK BRONZE (75)*



\* MEDIUM BRONZE (72)  
\* *MEDIUM BRONZE (72)*



\* CHAMPAGNE BRZ (71)  
\* *CHAMPAGNE BRZ (71)*



\* BRIGHT SILVER (88)  
\* *Clear 204R1 & 215R1 (00)*



\* WARM SILVER (96)



\* ASTI (86)



\* COPPER (92)



\* CORAL REEF (93)



\* BLUE (05)

\* Denotes *RELIABLE* Color Code - Please use when ordering.

This color card is for reference only and is not meant to be used for color matching or final color approval. Shades may vary due to the color and resolution of monitors or print-outs. *RELIABLE* is not responsible for color matches made with this online color chart.



# Finishes and Color Guide

Factory finishes by *RELIABLE* are designed for low VOC emissions and eliminate the risk of VOC emissions found in louver finishes that are applied on site. All *RELIABLE* manufacturing facilities operate in full compliance with all applicable air permitting regulations. All facilities maintain ISO 14001 Environmental Management Systems which include VOC emission reduction strategies including state of the art spray equipment and operator training.

## Type of Finish

## Finish Specifications

### 2 Coat - 70% PVDF

**RELIABLE Superior Finish:** 2 Coat 70% PVDF paint finishes provide maximum resistance against color fade and chalking. This carbon/fluorine bond, unique to the resin, when coupled with the finest inorganic pigments, produces the most durable and long lasting finish in the industry. These finishes are resistant to most chemicals, acid rain, salt spray and general air pollution. *RELIABLE* offers a ten-year warranty on these finishes in standard colors on standard extruded aluminum products. All standard colors meet or exceed AAMA 2605-13.\*

Before paint application, louvers shall be thoroughly cleaned and pretreated to assure maximum performance. PVDF finish shall be applied to provide 1.2 mils (30µm) factory applied, baked-on film in accordance with AAMA 2605-13\* "Voluntary Specification Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Architectural Extrusions and Panels". Color shall be *RELIABLE* (specify color name and number).

### 2 Coat - 50% PVDF

**RELIABLE'S High Performance Finish:** 2 Coat 50% PVDF finishes provide fluoropolymer benefits such as long color life and resistance to chalking and chemicals. For optimization of the price-benefit ratio, they are appropriate coatings for today's non-monumental projects. Ten-year warranty for standard color on standard extruded aluminum products is also available for *RELIABLE'S* PVDF.

Louvers shall receive factory applied, baked-on 2 Coat 50% PVDF based color coating following thorough cleaning and pretreatment of metal. The finish shall be applied at 1.2 mils (30µm) total dry film thickness in accordance with AAMA 2604-13† Color shall be *RELIABLE* (specify color name and number).

### PRIME COAT

**Preparation for field painting.** Finish may be topcoated with epoxy, vinyl, urethane and other heavy-duty coatings within six months of applications. Prime coat contaminations always occurs before field painting and requires thorough field cleaning prior to painting.

Louvers shall receive prime coating following thorough cleaning and pretreatment of metal. Field topcoat with epoxy, vinyl, urethane or other heavy-duty coating within six months of application. Prime coat shall be a minimum of .3 ± .1 mils (8 ± 3µm) thick.

### PEARLEDIZE 70 AND PEARLEDIZE 50

**RELIABLE'S High Pearlescent Finish.** Pearledize is a PVDF-based finish that utilizes pearlescent mica flakes to simulate the metallic appearance of anodized and metallic paint finishes. Available as Pearledize 70 (70% PVDF) and Pearledize 50 (50% PVDF), Pearledize 70 meets the AAMA 2605-13\* specification while Pearledize 50 meets the AAMA 2604-13† specification. A ten-year warranty is available on standard colors on standard extruded aluminum products.

Louvers shall receive thorough cleaning and pretreatment as described above. Pearledize coating shall be applied and baked to achieve a hard durable finish in compliance with either AAMA 2605-13\* or AAMA 2604-13† as selected and specified. Color shall be *RELIABLE* (specify color name and number).

### COLOR ANODIZE

**Electrolytically deposited coating on aluminum:** The color anodize process specified in Aluminum Association Code AA-C22A44 electrolytically deposits inorganic color pigment finish to a 0.7 mil (18µm) minimum surface depth on sulfuric acid anodized aluminum. Treated aluminum is sealed to convert a freshly formed aluminum oxide finish to a corrosion resistant, inert condition. Available only on aluminum. Some shade variation may occur.

Louvers shall receive electrolytically deposited color anodized finish complying with Aluminum Association Code AA-C22A44. Finish is applied to 0.7 mils (18µm) minimum thickness onto chemically etched and pretreated aluminum. Color shall be *RELIABLE* (specify color name).

### CLEAR ANODIZE

**Clear oxide coating for aluminum:** Clear anodize preoxidizes the aluminum surface for uniform clear finish not easily affected by natural oxidizing influences. Improved metallic luster appearance is similar to mill finish. 204-R1 (Aluminum Association Code AA-C22A31) provides 0.4 mi (10µm) minimum surface depth treatment recommended for normal weather exposure. 215-R1 (Aluminum Association Code AA-C22A41) provides 0.7 mils (18µm) minimum surface depth recommended for severely corrosive and abrasive atmospheric exposure. Both finish types available only on aluminum.

Louvers shall receive a 204-R1 clear anodize finish complying with Aluminum Association Code-C22A31. Finish is applied to chemically etched and pretreated aluminum to 0.4 mils (10µm) minimum surface depth by a 30 minute anodizing process. Louvers shall receive a 215-R1 clear anodize finish complying with Aluminum Association Code AA-C22A41. Finish is applied to chemically etched and pretreated aluminum to 0.7 mils (18µm) minimum surface depth by a 60 minute anodizing process.

Dimensions in parentheses ( ) indicate microns. Shernar 5000 is registered trademark of Sherwin-Williams.

\*AAMA 2605-13 is the most stringent performance specification for organic coatings or exterior aluminum finishes in the industry, requiring 10 years south Florida exposure.

† AAMA 2604-13 supersedes AAMA 2604-10 and requires 5 years of south Florida exposure.

•*RELIABLE'S* 50% PVDF fluoropolymer, 70% PVDF fluoropolymer based finishes (Pearledize 50 and Pearledize 70) and prime coat finishes are provided by Sherwin-Williams.

Twenty-year warranties are only available on extruded aluminum products, and are subject to restrictions. Consult *RELIABLE* for additional information.