

Acrylic Coating System

DESCRIPTION

Aleris Rolled Products provides an acrylic coating system that is designed to perform as either a one coat or a two-coat system over an aluminum substrate.

The following features make our acrylic coating system an excellent choice for both interior and exterior applications:

- Excellent exposure characteristics
- High resistance to metal marking
- Stain resistant
- Good formability
- Easy to clean

USES

The acrylic coating system is designed for applications that require a durable interior/exterior grade coated aluminum product.

Typical end uses include but are not limited to:

- Commercial transportation side panels
- Awnings
- Sign stock
- Garage door panels
- Freezer liners

COLOR AND GLOSS

The acrylic coating system is available in virtually any color and low to full gloss range. For more information, contact your Aleris Rolled Products sales representative.

AVAILABILITY

Contact Aleris Rolled Products for assistance in determining the correct one-coat or two-coat acrylic coating system for your end-use application.

PHYSICAL PROPERTIES OF COATED SURFACE

- Coated film hardness achieves F-2H pencil as tested per ASTM D3363
- Solvent Resistance: 50 ~ 100+ MEK rubs as tested per ASTM D4752
- Flexibility: Nominal 3-T180 NTO (subject to method of forming and metal thickness) as measured by ASTM D4145-83
- Reverse Impact: 1.5X metal thickness NTO ASTM D2794

Test results of coated surface will vary depending on paint formulation and forming requirements of metal specification and end-use application.

ACCELERATED WEATHERING

- 5% Salt Spray (1000 hours):
No creep over 1/32" from scribe ASTM B 117.
- 100% Humidity: No significant visual change after 1,000 HR per ASTM D 2247-87.
- QUV test as achieved by ASTM D4587:
No visible loss of film integrity and no chalking greater than #8 after 500 HR, as measured by ASTM D 4214-89.