

Simco Coatings Inc.

Manufacturer of Military Spec., Corps of Engrs. Spec, Industrial, & Marine Coatings

TECHNICAL DATA SHEET

ACRIGUARD-2355 ONE COMPONENT, MODIFIED ACRYLIC SEMIGLOSS FINISH

DESCRIPTION:

Acriguard-2355 is a quick dry, modified acrylic topcoat. It provides a superior semigloss finish on steel, aluminum, and fiberglass substrates. It provides good color retention, is resistant to splash of mild chemicals, and has anti-mildew properties. It is often used for shipping containers. It should be used over Simco's epoxy, acrylic, chlorinated rubber, or vinyl primers. It is recommended to be used as a finish coat for protection of steel, aluminum, and fiberglass in moderate to harsh environments. For marine applications, use above the water-line.

TECHNICAL DATA

COLOR AND GLOSS:

MASS DENSITY: SOLIDS CONTENT BY WEIGHT: VOC (BEFORE THINNING): RECOMMENDED DRY FILM THICKNESS: THEORETICAL SPREADING RATE @1 MDFT: TOUCH DRY AFTER: MIN. INTERVAL BEFORE COATINGS: MAX. INTERVAL BEFORE COATINGS: SHELF LIFE (COOL & DRY PLACE): FLASH POINT (T.C.C.): White, Osha Blue, Black, Deck Gray, Fire Red, & Red Brown (Semi-Gloss Finish). Approx. 10.0 lbs. Approx. 53% 4.8 lbs./gallon (576 g/l) 2.0 Mils (50 microns) 580 ft²/gallon 1 Hour at 68°F (20°C) 4 Hours at 68°F (20°C) Unlimited Subject to re-inspection after 12 months 81°F (27°C)

RECOMMENDED SUBSTRATE CONDITIONS:

Previous coat: Chlorinated rubber, vinyl or acrylic coatings, dry and free from any contamination. The temperature of the substrate must be at least 5°F.

INSTRUCTIONS FOR USE:

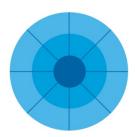
Stir well before use.

The Temperature of the paint should be above 59°F (15°C) Otherwise extra thinner may be required to obtain application viscosity.

Too much solvent results in lower sag resistance.

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CONVENTIONAL SPRAY:

Recommended Thinner: Volume of Thinner: Nozzle Orifice

AIRLESS:

Recommended Thinner: Volume of Thinner Nozzle Orifice Nozzle Pressure

BRUSH/ROLLER RECOMMENDED THINNER: VOLUME OF THINNER: CLEANING SOLVENT: T-1 Thinner (Flash Point 105°F) 0-5% 0.071 - 0.079 inch (=1.8-2.0 mm) 28-42 p.s.i. (= approx. 2-3 at 0.3 Mpa)

T-1 Thinner (Flash point 105°F) 5-10% 0.011-0.013 inch (= approx. 0.28-0.33 mm) 1700-2100p.s.i.(=approx.120-150 at:1215 Mpa) Hose should by 3/8" I.D. minimum, but ¼" whip end section may be used for ease of application. A maximum length of 100 feet is suggested.

T-1 Thinner (flashpoint 105°F) 0-3% T-1 Thinner (flashpoint 105°F) Brush: 0-6% by volume

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves and facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance or any other damages, including injuries resulting from the use of this information or of products recommended herein.

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