



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:

White, Osha Blue, Black, Deck Gray, Fire Red, & Red Brown (Semi-Gloss Finish).

MASS DENSITY:

Approx. 10.0 lbs.

SOLIDS CONTENT BY WEIGHT:

Approx. 53%

VOC (BEFORE THINNING):

4.8 lbs./gallon (576 g/l)

RECOMMENDED DRY FILM THICKNESS:

2.0 Mils (50 microns)

THEORETICAL SPREADING RATE @1 MDFT:

580 ft²/gallon

TOUCH DRY AFTER:

1 Hour at 68°F (20°C)

MIN. INTERVAL BEFORE COATINGS:

4 Hours at 68°F (20°C)

MAX. INTERVAL BEFORE COATINGS:

Unlimited

SHELF LIFE (COOL & DRY PLACE):

Subject to re-inspection after 12 months

FLASH POINT (T.C.C.):

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:

T-1 Thinner (Flash Point 105°F)

Volume of Thinner:

0-5%

Nozzle Orifice

0.071 - 0.079 inch (=1.8-2.0 mm)

28-42 p.s.i. (= approx. 2-3 at 0.3 Mpa)

AIRLESS:

Recommended Thinner:

T-1 Thinner (Flash point 105°F)

Volume of Thinner

5-10%

Nozzle Orifice

0.011-0.013 inch (= approx. 0.28-0.33 mm)

Nozzle Pressure

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.

BRUSH/ROLLER

RECOMMENDED THINNER:

T-1 Thinner (flashpoint 105°F)

VOLUME OF THINNER:

0-3%

CLEANING SOLVENT:

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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