



PRODUCT DATA

W-109

Acrylic Intermediate

Description: A high quality, low sheen waterborne acrylic that is rust inhibitive and self priming. This product is specifically designed for protection of ferrous, aluminum and galvanized metal surfaces.

Typical Uses: as an intermediate coat in a 3-coat system to protect metal surfaces, such as bridges, tanks, and structural steel. Can be used as a topcoat over P-139, P-159, or 1312 inorganic zinc primers.

Dry Temperature Limits: 160 deg.F

Surface Cleanliness: surface should be clean and dry. Remove as much surface contamination as possible. Prime surface with a Water-Guard Primer, Water-Guard Intermediate, or zinc rich primer.

Mixing Instructions: mechanical agitation (jiffy power mixer)

Application Equipment: brush, roller, conventional spray or airless spray.

Application Conditions:

- DO NOT ALLOW TO FREEZE
- Dry, dust-free metal surface
- Metal temperature above 50 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 50 deg.F
- Humidity less than 85%

Primer: W-113G, W-113, W-101, W-103, Primers, 201, self priming or a zinc rich primer, such as P-139, P-159, 1312, or 1312GA

Thinner: none required, fresh water, if necessary

Clean Up Solvent: fresh water

Safe Application Conditions: Consult MSDS for proper handling, cleanup, disposal, and use of personal protective equipment. Circulate sufficient air to maintain working environment below the PEL and LEL. Apply according to local, state, and federal (OSHA) regulations.

Finish: low-gloss

Color: White

Volume Solids: 44 +/- 2%

VOC: 1.16. lbs./gal. (139 g/l)

Flash Point: >200 deg.F

Dry Film Thickness: 3 mils
235 sq ft @ 3 mils

Wet Film Thickness: 7 mils

Theoretical Coverage: 706 sq.ft./gal. @
1 mil

Induction Time: n/a

Pot Life Time: n/a

Shelf Life Time: 1 year

Dry Time: @ 70 deg.F
Dry to Touch 4 hours
Dry to Recoat 4 hours, if recoating with
other Water-Guard
product

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