



PRODUCT DATA

Sulfonate-12 Series;

Modified Overbased Calcium Sulfonate Alkyd Coatings

Resin: Modified overbased calcium sulfonate alkyd resin

Description: MOCSA coatings are very thixotropic, will not sag, are flexible & highly corrosion resistant, form incredible barrier against atmospheric elements, can be applied at low temperatures & high humidity, achieve adhesion through positive attraction to negatively charged surfaces, develop firm not hard brittle films, are primarily used over SSPC-SP-2 prepared surfaces.

Colors: All colors available (Gray 26373 & Brown 30045 All 595 available)

Viscosity: 90-130 Ku's.

VOC'S: less than 2.8 pounds per gallon.

Mixing: Mix product by hand or with a power mixer prior to using.

Thinner: WCC thinner # 101. Up to 25% by volume.

Recommended Primer: Use Sulfonate 12-837 penetrating sealer or Sulfonate 12-836 Red Oxide primer.

Recommended Film Thickness: 4-6 mils per coat in a one or two-coat application.

Coverage: 240 square feet per gallon @ 4 Mil dry. (Spray 175 square feet; roll 225 square feet is practical coverage)

Solids: 58 +/- 2 % by volume (ASTM D2697)

Weight Per Gallon: 9.5 lbs min.

Drying Times: @ 68 F To Touch 4 hours, recoat 1 hour, dry firm 24-48 hours.

Products uses: An industrial maintenance coating primarily used in the Bridge & Marine industries. Consult your manufacturer's representative for technical assistance.

Surface Preparation: All surface areas should be clean and dry. Remove loose paint, rust, all dirt and oil prior to painting. Can be applied over SSPC-SP-1; SP-2; SP-3; SP-6; SP-7; SP-10; SP-5; SP-11; SP-12; SP-13; SP-14. Consult manufacturer for specific surface preparation requirement to meet your requirements.

Application: Spay, brush, roll, mitt, flow coat, float coat.

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Application Equipment: Airless: use a pump with a ratio of at least 30:1 and ¼ “ line with a .017-.023 spray tip.

Conventional spray equipment: Use a pressure feed pot with 25 lbs of pot pressure and 40 lbs of atomization pressure with no more than 50’ of 3/8 ” spray line. Use a DV-JGA with a D set up or equivalent.

Brush & Roll: Use good quality China bristle brushes and phenolic core roller covers up to 1” nap. (Note: because application equipment varies, the desired finish must be determined before choosing application method.)

Performance Data: Salt Spray Resistance (ASTM B117).

SP-10 prepared panel @ 4 mils DFT – 1500 hours with < 1% total area corroded and < 2 mm creep at the scribe (ASTM D1654).

QUV Weatherometer: 3’X6” Q panel coated @ 4 mils DFT 1500 hours passed with no cracking, flaking, corrosion, severe color change.

Application Ambient application Information: Can be applied at temperatures as low as 0 degrees F. Can be used on substrate temperatures up to 300 F. When using a two coat system minimize time between coats by applying 6-8 wet mils followed by a one hour solvent flash time and apply 6-8 wet mils of color desired.

Shelf Life: 24 months minimum in original unopened container stored between 32 F and 100 F. Material subject to reinspection after 24 months.

Safety Information: For INDUSTRIAL USE ONLY. Read MSDS prior to opening. Avoid contact with skin and eyes. Use organic respirators when using this product. Vapors might be harmful. Use caution with adequate ventilation, protective clothing, respirators, and gloves.

This product is manufactured exclusively for distribution by

Bipacco Coatings, LLC.

Cuba, Missouri

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