



SSPC-PAINT 8

ALUMINUM
VINYL
PAINT

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

PRODUCT DATA

SSPC-PAINT 8 is a ready-to-mix-aluminum vinyl chloride, acetate copolymer paint intended for use over vinyl butyral wash primer (SSPC-PAINT 27) or as a finish coat over vinyl chloride-acetate copolymer paint such as SSPC-PAINT 9. This paint is not intended or recommended for use over bare steel.

This paint is suitable for exposures in Environmental Zones 2C (fresh water immersion), 2D (salt water immersion), and 3B (chemical, neutral), and is intended primarily to be used as a finish coat in a system applied to blast clean (SSPC-SP 10) or pickled (SSPC-SP 8) steel. When used for salt water immersion, a wash primer is recommended. Because of the possibility of lifting of the undercoats, this paint is not intended to be used over types of paints which have poor solvent resistance. This paint is intended primarily for application by conventional air spray and is to be applied in accordance with SSPC-PA 1, "Shop, Field, and Maintenance Painting of Steel".

VOC Content:
5.9 pounds/Gal; 708 grams/liter

Type of Material:
Vinyl Copolymer

Volume Solids:
14%

Estimated Coverage:
225 sq.ft./gal @ mil DFT theoretically

Recommended Film Thickness:
1.0 mils DFT

Method of Application:
Spray recommended

Number of Coats:
One

Thinner and Clean Up Solvent:
Toluene/ Ketone blend

Shelf Life:
1 year

Pot Life:
Indefinite

Dry Time:
15 minutes tack free max; 60 minutes max. dry hard

Flash Point:
40°F closed cup

Color and Gloss:
Aluminum; eggshell

Mixing Ratio:
Single Component

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DIRECTION FOR USE

The paint is intended for use over vinyl butyral wash primer (SSPC-PAINT 27) or as a finish coat over vinyl chloride-acetate copolymer paint. It is supplied in two component to be mixed just before using.

Gradually add small portions of the liquid to the aluminum paste. Mix the paste thoroughly until it is smooth and free of lumps. Then gradually add the remainder of the liquid, stirring constantly. It is recommended that the paint be mixed by a mechanical mixer.

The paint shall be thinned as necessary with solvent containing not more than 85% toluene and 15% methyl isobutyl ketone or methyl ethyl ketone. The amount of thinning will depend upon application methods and conditions, and may be as high as 25% to 33% by volume of the paint.

When required, this paint may be tinted to a contrasting color by the addition of a stable tinting pigment dispersed in a vinyl chloride-acetate copolymer resin solution.

Apply by conventional air spray. Brushing may be used in small areas. The surface to be painted shall be dry and above 35°F (2°C), not less than 5°F (3°C) above the dew point. Do not paint outdoors in rainy weather. Apply so as to obtain a minimum dry film thickness of 1.0 mils (25 micrometers). A wet film of paint shall be deposited on the surface when spraying; the spray gun should be adjusted so that proper atomization is obtained but no dry powder is deposited on the surface. The nozzle should be held about six inches from the surface during application.

If application is to be made by brush, apply with a brush heavily loaded with paint; apply quickly and smoothly. Avoid excessive brushing and do not go back over the surface until thoroughly dry.

At temperatures between 60 and 80 °F (16 and 27°C), dry at least one hour between coats and 72 hours before immersion. Varying atmospheric conditions and degrees of ventilation in confined spaces may allow shorter or require longer drying times.

NOTE: This paint is not to be used as a priming coat next to bare steel.

This material is for industrial use only. See Material Safety Data Sheets for handling, storage, disposal and use.

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