



# SSPC-PAINT 12

**COLD APPLIED  
ASPHALT MASTIC,  
EXTRA THICK**

## TECHNICAL PRODUCT BULLETIN

### PRODUCT DESCRIPTION AND USES

**SSPC-PAINT 12** is a cold-applied asphalt mastic coating for structural steel. It affords protection by excluding corrosive media to a high degree. It acts as a vapor seal because of its relative impermeability, which is attained by application in thick coats.

**SSPC-PAINT 12** mastic is suitable for exposure in Environmental Zones 2A (frequently wet by fresh water), 2B (frequently wet by salt water), 3B (chemical, neutral), and 3C (chemical, alkaline); and is intended for spray application over steel surfaces prepared with a SSPC-SP 6 Commercial Blast Cleaning.

In highly corrosive environments, a rust inhibitive primer coating should be used. Contact manufacturer for recommendations.

**SSPC-PAINT 12** may char but will not support combustion.

**SSPC-PAINT 12** exceeds 450 hours of cyclic salt fog/UV exposure.

### PRODUCT DATA

VOC Content:

**3.5 lbs./gal.; 420 grams/liter**

Type of Material:

**Various asphalts**

Volume Solids:

**50% minimum**

Estimated Coverage:

**12.7 square feet per gallon**

Recommended Film Thickness:

**63 mils DFT**

Method of Application:

**Spray preferred**

Number of Coats:

**As required to apply 63 mils DFT.**

Thinner and Clean Up Solvent:

**Mineral Spirits**

Shelf Life:

**2 years from DOM minimum**

Pot Life:

**Unlimited; single component**

Dry Time:

**4 hours to touch**

Flash Point:

**104° F.**

Color and Gloss:

**Black; low gloss**

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## DIRECTIONS FOR USE

This mastic is used to protect steel from corrosion in severe surroundings. It will perform best if applied over blast cleaned or primed steel; however it may be used over well cleaned steel if all rust scale, loose rust, loose mill scale, and loose or non-adherent paint are removed. Oily and grease should be removed. For severe exposure, apply over a thoroughly dry rust-inhibitive primer.

Mix paint thoroughly before use. Under normal conditions, no thinning should be necessary. Thin paint only if necessary for smooth spray using only mineral spirits.

Apply by spray, using high pressure spray equipment. If applied by brush, apply with a daubing motion.

Apply to the specified film thickness, or, if none is specified, to at least 63 mils (1600 microns) dry film thickness or approximate 126 mils wet. The surface to be painted shall be dry; the surface temperature shall be at least 5° F (3° C) above the dew point; and the temperature of the air shall be over 40° F. ( 4° C.). Do not paint outdoors in rainy weather or in freezing temperatures are expected before the paint dries. Under normal conditions, this mastic will dry for recoating in 243 hours, but will remain soft for longer periods.

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