



AMERICAN COATINGS

CL – 8 S POLYSULFIDE COATING

A two-component, Polysulfide Elastomeric Coating.

GENERAL FEATURES

- RESISTANCE TO ALIPHATIC HYDROCARBONS INCLUDING UNLEADED GASOLINE
- RESISTANCE TO TOLUENE AND HIGHER BOILING AROMATICS
- RESISTANCE TO FUEL OIL AND CRUDE OIL
- RESISTANCE TO BUTYL ACETATE AND HIGHER BOILING ESTERS
- RESISTANCE TO MOST ACIDS AND BASES

DESCRIPTION

American Coatings CL-8 S is a two-package, high solids, elastomeric, chemically resistant polysulfide coating. Consists of colored base and white activator which when mixed produces the final color.

USES

American Coatings CL-8 C is used for interior of carbon steel tanks and vessels. Use for lining of concrete tanks, secondary containment areas, sump and trenches. Coating for the exterior protection of carbon steel structures, tank vessels and piping. Coating for exterior protection of concrete, steel and fiberglass. Surface tolerant coating for atmospheric exposures.

NOT RECOMMENDED FOR: Immersion in methanol, strong organic acids (e.g. acetic acid) or strong organic bases.

PHYSICAL DATA

Finish ----- High Gloss
 Color ----- Gray and Black
 Applied Over ----- Properly primed steel,
 or concrete
 Components ----- Two
 Cure ----- Catalytic 1:1

Volume Solids ± 2% ----- 100%

Recommended Wet Film

Thickness ----- 15 – 20 mils per coat
 30 – 40 mils minimum total DFT

Number of Coats ----- Two

APPLICATION METHOD

Use heated plural component airless spray for best results.
 Pump: Capability to produce 3000 psi at the gun (e.g. Graco Bulldog, EH333 or GM5000) Fluid Hose: 3/8" x 100' hose length. For longer hose, to avoid excessive pressure drop, use 1/2" i.d. up to 200' with 3/8" i.d. x 25' whip. For more detailed information, please refer to Technical Advisory 01-1 Plural Component Spray.
 Airless gun: Graco 207945 Minimum pressure to avoid fingering: 3000 psi at nozzle.
 Small areas can be brushed. Pour and trowel.

NOTE: Use of a penetrating primer under coatings or linings for concrete can be an effective means of minimizing out gassing. If the use of penetrating primer is desired, please consult your American Coatings Representative.

Thinning Required----- DO NOT THIN

Dry Time @ 77°F and 50% RH:

Touch ----- 4 hours
 Recoat ----- 6 hours minimum / 48 hours maximum
 Through ----- 24 hours
 Cure ----- 7 days



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Coverage

65 – 80 ft.²/gal @ 20 – 25 mils DFT
40 – 50 ft.²/gal @ 20 – 25 mils DFT

Temperature Limit

Immersed----- Contact your American
Coatings Representative
Atmospheric ----- 375° F

Miscellaneous Properties

Shelf Life ----- 2 years in protected storage
Pot Life – Mixed @ 77 °F----- 45 minutes
Higher temperatures will greatly decrease pot life and will
make application by heated plural component spray
mandatory

SURFACE PREPARATION

Remove all oil, grease and other deleterious matter by
chemical cleaning and hydro blasting when needed.

Carbon Steel:

Commercial Sandblast (SSPC-SP6-63) (Sa2) Preferred
Power Tool Cleaning (SSPC-SP3-63) or
Hand Tool Cleaning (SSPC-SP2-63) (Sa2)

Immersion Service:

White Sandblast (SSPC-SP5-63) (Sa3)

Concrete and Concrete Joints:

Abrasive Blast at reduced pressure to produce a surface
resembling medium grade sand paper.

APPLICATION INFORMATION

Do not apply if material, substrate, or ambient
temperature is below 50° F or above 110° F.
Temperatures below 60° F significantly retard cure. Use
dehumidification to maintain proper application
environment, if necessary.

MIXING

Mix 1 part of Part A to 1 part of Part B by volume.
Mix until uniform color is achieved.

CLEAN-UP AND THINNING

Clean up and thin with American Coatings TH 760 or
TH 315 thinner.

SPRAY EQUIPMENT

SEE APPLICATION METHOD

SAFETY INFORMATION

WARNING! FLAMMABLE, HARMFUL IF INHALED, CAUSES IRRITATION

Keep away from sparks or flame. Vapors may cause flash
fire. Use with adequate ventilation. Do not breathe
vapors or spray mist. Wear an appropriate, properly fitted
respirator during and after applications unless air
monitoring demonstrates vapor/mist levels are below
applicable limits. Avoid contact with eyes, skin, and
clothing. Wash thoroughly after handling.

Consult to Material Safety Data Sheet for this product
prior to use.

SHIPPING DATA

Proper Shipping Name ----- Paint Liquid
Hazard Class----- Flammable Liquid

Flash Pt. °F SETA ----- 200° F

UN No.----- 1263

PACKAGING

| | | |
|---------------------|----------------|----------------|
| <u>Shipping Wt.</u> | <u>PART A</u> | <u>PART B</u> |
| | Gallon 14 lbs. | Gallon 13 lbs. |
| | Fives 70 lbs. | Fives 67 lbs. |

DISCLAIMER

The facts stated and the recommendations and suggestions herein are based upon experiments and supplier information believed to be reliable. No guarantee is made of their accuracy, however, and American Coatings ASSUMES NO LIABILITY FOR PRODUCT FAILURE OTHER THAN TO SUPPLY REPLACEMENT MATERIAL FOR PRODUCTS SHOWN TO BE DEFECTIVE WHEN DELIVERED OR TO REFUND THE PURCHASE PRICE. Except as stated, THERE ARE NO WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE. AMERICAN COATINGS SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL AND CONSEQUENTIAL DAMAGES. No statement contained herein shall be construed as an inducement to infringe existing patents or as an endorsement of specific manufacturers.

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