



PRODUCT DATA

C-200

Coal Tar Epoxy

Description: C-200 is a two component, high solids, coal tar polyamide cured epoxy formulated for use as a protective coating with excellent chemical resistance and mechanical properties.

Typical Uses: Self-priming coating for protection of steel and concrete in corrosive environment, such as submerged steel in fresh water or brine.

Special Qualifications: Corps. of Engineers Specification C-200 and SSPC Paint No. 16

Dry Temperature Limits: 250 deg.F intermittent, 180 deg. F sustained

Surface Cleanliness: NACE No.3/SSPC-SP 6 Commercial Blast Cleaning

Profile Depth: average 2.5 to 3.0 mils (visual comparator)

Profile Texture: sharp and angular (viewed under magnification)

Application Equipment: 45:1 ratio pump with 0.019 (619) to 0.023 (623) inch diameter orifice for airless spray gun tip at a 2,800 psi recommended minimum fluid pressure at tip to obtain proper atomization.

Application Conditions:

- Noncontaminated profile (pretreat and blast contaminated surfaces)
- Dry, dust-free metal surface
- Metal temperature above 41 deg.F
- Metal temperature at least 5 deg. above the dew point
- Ambient temperature above 41 deg.F
- Humidity less than 85%

Primer: self-prime

Thinner: if necessary, use up to 1/2 pint T-33 Thinner per gallon

Clean Up Solvent: MEK

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: Semi - Gloss

Color: Black

Volume Solids: 78%, (mixed)

VOC: 1.6 lbs./gal. (mixed)

Flash Point: 80 deg.F

Mixing Ratio: 4:1 by volume,

Dry Film Thickness: 8 to 10 mils/coat, may be applied as high as 30 mils

Wet Film Thickness: 10 to 13 mils/coat

Theoretical Coverage: 1251 sq.ft./ gal.@ 1 mil

Induction Time:

30 min @ 41 deg.F
15 min @ 60 deg.F
no induction @ 77 deg.F

Pot Life Time: 4 hr.s 77 deg.F

Shelf Life Time: 12 months

Dry Time: @ 77 deg.F (25 deg.C)

Dry to Touch 4 hr.s at 77 deg.F
Fully Cured 4 days at 77 deg.F

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