



CHEM-TAR 2808

MOISTURE-CURE
COAL TAR
URETHANE

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

CHEM-TAR 2808 is a single component coal tar moisture cure urethane coating developed for the use to replace conventional coal tar epoxy coatings where ease of application, wide range of weather conditions and return to service times are important without the loss of properties associated with coal tar epoxy coatings.

CHEM-TAR 2808, like all moisture cure urethane coatings offers the opportunity to apply coatings during a wide range of adverse weather conditions. Temperature ranges as low as 20 degrees F. as well as relative humidities of up to 90% are acceptable for application. There are no dew point restrictions that need to be monitored.

CHEM-TAR 2808 offers properties normally associated with coal tar epoxies for abrasion resistance and superior chemical and weathering properties. It can be recoated in 4 hours at 75 degrees F. and, unlike coal tar epoxies, has no maximum recoat window. Down times can be greatly shortened with immersion in one hour after application.

CHEM-TAR 2808 has superior anticorrosive properties due to the high level of micaceous iron oxide incorporated in the product. The intended use should determine the need for use of any prime coat.

PRODUCT DATA

VOC Content:
2.7 pounds per gallon: 324 grams per liter

Type of Material:
Moisture Cure Urethane modified with Coal Tar

Volume Solids:
63% + /- 2

Estimated Coverage:
1010 sq. ft./gal. @ 1 mil DFT

Recommended Film Thickness:
5-7 mils DFT

Method of Application:
Spray, brush or roller

Number of Coats:
Two, depending on requirements

Thinner and Clean Up Solvent:
45 Thinner

Shelf Life:
One year from DOM @ 75 degrees F.

Pot Life:
Indefinite

Dry Time:
30 minutes or touch: 4 hours dry recoat

Flash Point:
100 degrees F minimum closed cup

Color and Gloss:
Black or metallic bronze: medium gloss

Mixing Ratio:
Single component

PHONE: (757)899-3807

FAX: (757)899-3907

IndMar Coatings Corp.

P.O.Box 456
Wakefield, VA3888

www.indmarcoatings.com

Email: indmar@earthlink.net

SURFACE PREPARATION

CHEM-TAR 2808 should be applied over properly prepared and primed surfaces. It is not recommended for direct application to metal surfaces.

CHEM-TAR 2808 can be used directly over existing paint systems which have been properly cleaned as an overcoat. It is ideal for overcoating existing lead-based paint.

MIXING

Thoroughly mix contents of container prior to use. Use of thinner should be determined by VOC requirements. Do not use any thinners in areas which require maximum VOC contents of 340 grams per liter or 2.8 pounds gallons. Do not use any thinner other than the thinner recommended by the manufacturer. Material should be power mixed using gentle agitation to prevent moisture inclusion. Do not box or pour material from one container to another.

APPLICATION INSTRUCTIONS

Spray application is preferred.

5 wet mils results in 3 dry mils.

Recommended airless tip size .019 - .023.

Dry times are dependent upon humidity, temperature and film thickness. Low humidity, higher film builds or lower temperatures can extend cure times.

DO NOT APPLY ON SURFACES OF ICE OR VISIBLE WATER.

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