



CHEM-THANE DCP RR

DTM RAILCAR POLYASPARTIC COATING

TECHNICAL PRODUCT BULLETIN

PRODUCT DESCRIPTION AND USES

CHEM-THANE DCP RR is a fast curing, two-component aliphatic polyaspartic polyurea topcoat. It has superior color and gloss retention and meets or exceeds SSPC Paint Specifications 36, 38 and 39 Level 3 weathering performance requirements.

CHEM-THANE DCP RR can achieve up to 10 mils DFT in a single coat application without bubbles. It is ideal for applications requiring fast turn around times and can be placed back in service or stenciled in 1 hour.

CHEM-THANE DCP RR will cure at temperatures as lows as minus 20' F and at high humidity.

CHEM-THANE DCP RR makes an excellent DTM Coating and has passed 2000 hours testing in a salt fog corrosion chamber. When tested over a moisture cure zinc rich primer such as Zinc-Thane 2805, it has exceeded 13,000 hours. It is made with an optimum amount of anticorrosive pigments which make it ideal for use as a direct to metal coating.

CHEM-THANE DCP RR PRODUCT BENEFITS: Excellent color and gloss retention, low dirt pick-up and ease of graffiti removal. It has over 90% color and gloss retention in 4 year Black Box testing in Florida.

CHEM-THANE DCP RR has high resistance to salt corrosion and chemical attack and provides excellent abrasion and impact resistance which makes it ideal for use on railroad transportation equipment.

Also available in semi-gloss and matte finishes. The EPL version has an extended potlife or working time of up to 1 1/2 hours, yet is hard in two hours.

CHEM-THANE DCP RR has Zero VOC content and does not contain any HAPS (Hazardous Air Pollutants).

PRODUCT DATA

VOC Content:
Zero VOC

Type of Material:
Aliphatic polyaspartic polyurea

Volume Solids:
72%

Estimated Coverage:
1155 sq ft @ 1 mil DFT

Recommended Film Thickness:
2 to 8 mils, as specified

Method of Application:
Spray, Brush or Roller

Number of Coats:
One coat over a recommended primer or directly to prepared surfaces

Thinner and Clean Up Solvent:
#68 Thinner

Shelf Life:
12 months unopened; Store @ 40°F to 100°F in a covered area

Pot Life:
Approximately 20-30 minutes @ 77°F; EPL over 1 hour

Dry Hard Time:
40 minutes @ 77°F and 50% relative humidity . Do not exceed 48 hours between coats.

Flash Point:
72° F.

Color and Gloss:
All Standard Colors: High Gloss or Clear-High Gloss

Mixing Ratio:
1.0 Part A : 1.0 Part B

PHONE: (757)899-3807
FAX: (757)899-3907

IndMar Coatings Corporation

P O Box 456
Wakefield, VA 23888
www.indmarcoatings.com
Email: indmar@earthlink.net

SURFACE PREPARATION

CHEM-THANE DCP RR can be applied to a zinc rich moisture cure urethane primer ZINC-THANE 2805 or to other compatible coatings. The receiving surface must be free of any dirt, dust, oil, grease, soluble salts, chalking or other contaminants. This can be achieved by either vacuum, air blow-off, SSPC SP-1 "solvent cleaning", power washing or salt solubilizing agents if salts are present. If the receiving surface is hard and shiny it may be necessary to roughen the surface prior to applying CHEM-THANE "DCP". Check with the manufacturer if any questions exist.

For direct application to metal surfaces, a near white blast is required. When applying over inorganic zinc rich primers, a mist coat of .5-1.0 mils should be applied first.

MIXING

Mix Part A and Part B in equal parts (1:1) in a mixing pot and stir gently avoiding over mixing or creating a vortex that would introduce moisture. This could shorten the potlife. No induction time is required prior to use. An approximate 1/2 hour pot life will exist @ 77°F and 50% humidity. Keep the mixing pot covered to prevent excess moisture from entering the mixed contents. At higher temperatures and humidities the pot life can be shorter. Check with the manufacturer.

PACKAGING INFORMATION

Standard packaging 10 gallon kits, 2 gallon kits and drum kits of 110 gallons

This material is for industrial use only. See Material Safety Data Sheets for handling, storage, disposal and use. **NON-WARRANTY:** The information herein is based upon the best information available at time of printing and data provided are intended for those having skill and ability to use products as recommended. IndMar Coatings assumes no warranties, either implied or expressed, as to the purchase or application of these products, with the sole exception that if the Seller delivers off standard materials, the Seller will, at its option, either replace the material or refund the full purchase price. Nothing contained herein shall be construed as a recommendation to use this product in conflict with any existing patent.

APPLICATION INSTRUCTIONS

Application methods can be airless or spray from a holding pot or suitable two component mixing and metering equipment, or brush and roller. Care must be taken to mix no more material than can be used during pot life.

This product should not be applied on surfaces that are visibly wet or over ice formations. Do not apply coating when dew point is within 5' F. of the surface temperature.

SAFETY PRECAUTIONS

Refer to the Material Safety Data Sheet for proper safe use and handling of this product. Appropriate breathing apparatus and safety precautions must be taken by applicators and workers within the work areas.