



TECHNICAL DATA SHEET

PRODUCT DESCRIPTION AND USES

PremARC™ SHIELD 2C is a flexible, uv resistant coating designed for rubberized surface applications. It can be applied as an additional coating 7 to 10 days after initial install. Or as a maintenance coating at a later date.

PremARC™ SHIELD 2C is the latest technology in the industry and incorporates a unique combination of uv inhibitors.

Surface should be ready for full service the 24 hours after application. The product provides excellent abrasion, impact resistance and wear resistance thereby providing a surface which allows high foot traffic.

This product meets all VOC requirements and does not contain any HAPS (Hazardous Air Pollutants).

Product is sold in kit units of 2 gallons, 10 gallons and 110 gallons.

PRODUCT DATA

VOC Content: 1.8 lb/gal (216 g/L) to 0 (zero) VOC content

Type of Material: Proprietary

Volume Solids: 72%

Estimated Coverage: 175 - 200 sq ft. per gallon

Recommended Film Thickness: 2 to 6 mils per coat

Method of Application: Roller application is recommended. The roller must have an industrial grade, phenolic-resin core with a synthetic nap or lambs wool cover, 1/8 to 3/8 inch nap, 18 inch width.

Recoat time:
Minimum 1 hour
Maximum 48 hours (contact manufacturer)

Thinner and Clean Up Solvent:
Use Xylol or MEK. DO NOT USE ALCOHOLS.

Shelf Life:
12 months unopened. Store at 40F to 100F in a covered area (no sun exposer)

Pot Life: 25 to 30 minutes

Dry Time: 1 to 3 hours minimum

Flash Point: Base and Catalyst above 100°F

Color and Gloss: Clear: medium gloss and matte finishes

Mixing Ratio: 1.0 part A; 1.0 part B

American Recycling Center, Inc.
655 Wabasse Drive
Owosso, MI 48867
www.americanrecycling.com
989-725-5100

SURFACE PREPARATION

Before application the surface must be deemed structurally and mechanically sound, clean, and dry.

All receiving surfaces to be coated must be free of previous coatings, sealers, curing compounds, water repellents, laitance, efflorescence, oils, fats, grease, waxes, residues from cleaning compounds, non-visible soluble salts, and any other impediments to adhesion.

APPLICATION INSTRUCTIONS

MIXING

Mix part A and part B in equal parts (1:1) using a clean, dry working vessel. Stir gently, avoid over-mixing or creating a vortex that would introduce moisture. Do not mix below the dew point, which will shorten the pot life. No induction time is required prior to use.

POTLIFE

An approximate 25 to 30 minutes workable pot life exists at a temperature range of 70F to 80F (and 50% relative humidity). At higher temperatures and humidity the pot life can be shorter.

APPLICATION INSTRUCTIONS

Roller application is recommended. The roller must have an industrial grade phenolic resin core with a synthetic nap or lambs-wool cover. 1/8" to 3/8" nap.

CLEANUP

Use Xylene or MEK. Do Not use Alcohols.

STORAGE AND SHELF LIFE

The product must be stored in tightly sealed containers in a climate controlled, dry location at normal room temperature. Containers which have been opened for use must be re-sealed immediately in a new container, preferably filled to the top (the more airspace in the container the greater the potential for reaction with moist air, decreasing the shelf life of the product).

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. American Recycling Center, Inc. assumes no warranties, either implied or expressed, as to the purchase or application of these products. Nothing contained herein shall be construed as a recommendation to use this product in conflict with any existing patent.