

enSPARTIC

ADVANTAGES: Self-priming, excellent penetrating and bond strength, excellent abrasion, impact, wear resistance, UV-resistant, with optical clarity. Low-temperature cure (-30°F/-34°C) (Note: Reference is related to surface temperature, not ambient temperature.) Recoat time is 1 hour in normal temperature and humidity levels. Meets FDA/CFSAN, U.S. Food Code, Physical Facilities criteria as outlined in 6.101.11 Surface Characteristics. USDA acceptable. Not tested for 21 CFR food contact. Excellent stain resistance. Does not support bacterial growth. Random/incidental heat contact: tolerant to 300°F. Three to four times the abrasion resistance rating of epoxy.

PRODUCT USES: Residential, commercial, institutional, and industrial work surfaces where chemical and abrasion resistance and fast "return to use" factors are critical. UV stability allows outside use for applications as varied as outdoor kitchens and BBQ areas, conference tables, kitchen countertops, and commercial food prep tables.

PRODUCT DATA:

Type of Material: Polymer-Extended Polyaspartic Aliphatic Polyurea

VOC Content: 2.8 lb/gal (340 g/l) to 0 (zero) VOC Content

Recommended Dry Film Thickness: 2 to 6 mils per coat

Clear: High gloss, Satin or Matte

Pigmented: Standard factory or custom colors

Shelf Life: 12 months unopened. Store at 40°F to 100°F in a covered area (out of the sun)

Pot Life @ 70°F (20°C) and 50% Relative Humidity: 25 to 30 minutes

Minimum Recoat @ 70°F (20°C) and 50% Relative Humidity: 1 hour, minimum

Maximum Recoat @ 70°F (20°C) and 50% Relative Humidity: 48 hours (contact manufacturer)

Mixing Ratio @ 70°F (20°C) and 50% Relative Humidity: 1.0 part A; 1.0 part B

PROPERTY PROFILE:

Tensile Strength: ASTM D 638: 4,500 to 5,000 psi

Falling Sand Abrasion Resistance ASTM D 968:

Clear30 liters sand/1 dry mil

Pigmented.....38 liters sand/1 dry mil

Mandrel Bend ASTM D 522: Passes, no cracking,
1/8 in. mandrel bend

Theoretical Coverage @ 67% Volume Solids: 1 mil

DFT 1,075 ft • 2 mils

DFT538 ft • 3 mils

DFT358 ft • 4 mils

DFT268 ft • 5 mils

DFT215 ft • 6 mils

DFT 179 ft •

MIXING: Mix "Part A" and "Part B" in equal parts (1:1) using a clean, dry, working pot. Stir 30 revolutions avoiding over-mixing or creating a vortex that would introduce moisture. Satin and Matte formulations require extended mixing times to suspend the flattening agents. Do not mix at or below the dew point, which will shorten the pot life. No induction time is required prior to use. If micro-media agents are to be incorporated, they are to be added after thorough mixing of "A" and "B."

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

APPLICATION INSTRUCTIONS: Apply only to a cured concrete surface. Roller or mechanical spraying applications are recommended although brush may also be used. Use only tight napped rollers. Do not use a pump-up sprayer, spray bottle, or conventional air atomizing methods which may cause bubbles, blisters, or pinholes. Apply in thin coats approximately 3-6 mils. Re-coat when dry. Two to three coats are recommended.

CLEANUP: Use Xylol 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).

SAFETY PRECAUTIONS: Polymer-extended polyaspartic polyurea products contain chemical ingredients that are considered hazardous. Read the container label warning and Material Safety Data Sheet for important health and safety information prior to use for details on the safe handling and use of these products. This is especially important when spraying.

December 2007



Distributed by Cimarron Wholesale
125 NE 40th Street
Oklahoma City, OK 73105 USA
Phone 866-906-2006 / Fax 405-526-2008
www.encountertop.com