



(2-U-B) 2 Component Urethane Base Coat

DESCRIPTION

envirofoam 2-U-B is a 2 component, one to one by volume, batch mix polyurethane coating that has long pot life and fast tack free time allowing application of multiple coats of material in a shorter time than previous batch mix technology

COLOR

Standard colors for **2-U-B** are black and grey. Custom colors are also available.

NOTE: **envirofoam** colors are not controlled, as they are used only as base coat to be overcoated with color-controlled top coats. Base coat colors will vary somewhat from batch to batch.

APPLIED PRODUCT DATA

WEATHERABILITY

envirofoam 2-U-B is not designed for long term exposure to weather without top coating. Excellent durability when top coated or when **envirofoam 2-U-B** is used.

CHEMICAL RESISTANCE

Good salt, acid, alkali and solvent resistance. Excellent hydrolytic stability up to 160°F (71°C).

TENSILE

- ASTM D-412
- Strength: 2400 ± 100 psi (
- Elongation: 350
- Permanent Set at Break: 15% Max.

HARDNESS

- ASTM D-2240
- 55 ± 5 Shore D

TEAR RESISTANCE

- ASTM D-624 Die C
- Lb./In. 200 ± 25

WATER ABSORPTION

- ASTM D-471
- 24 hours R.T.
- 2.0%

WATER VAPOR PERMEABILITY

- ASTM E-96 Procedure B
Max. 100% R.H.
Difference at 23°C
- 0.02 Perm Inches

TOXICITY

Inhaling high vapor concentration of solvents could have adverse health effects. Part B contains isocyanate prepolymer, which is toxic if heated in a confined area and inhaled as particulate matter. Wear respiratory protection if material is heated, sprayed, or used in a confined space. Refer to MSDS for more information.

ADHESION

Adheres well to wood, neoprene, Hypalon coatings, acrylic coatings and **envirofoam** primers. See primer recommendations below for specific surfaces. The **envirofoam** primer-sealer system is required to achieve adhesion and minimize blistering when coating concrete. **envirofoam 2-U-B** may be recoated when dried to touch with a maximum time of 72 hours. Recoating beyond that time will require sanding and a primer.

PACKAGED PRODUCT DATA

COVERAGE

Sq. Ft./Gal./Mil. 1200 (29.5 m² / L / .02 mm)

SOLIDS

- Weight:
 - Method 4041
 - Fed. Std. 141
 - 85% ± 1%
- Volume: 80% ± 1%

V.O.C.

Actual V.O.C. content 222 grams per liter.

STORAGE STABILITY

Part A and Part B: One year at 50°F or 80°F (10° to 27°C)

THINNER

Xylol for brush, roller or spray.

APPLICATION

PRIMER

- Polyurethane Foam Insulation: No primer necessary
- Wood: No primer necessary
- Concrete: Standard **envirofoam 1-U-P** then **2-E-P**
- Metals: **envirofoam 2-E-P**

MIXING

WARNING: DO NOT MIX COMPONENTS WITH OTHER envirofoam PRODUCTS.

: Stir Part A and Part B separately to suspend any settled pigment. Combine equal volumes of Part A and Part B. Mix thoroughly with a power mixer. Apply by spray, brush or roller with workable viscosity range (pot life), usually one hour at 70°F (21°C).

NOTE: When application of **envirofoam 2-U-B** is to surfaces with a temperature between 33°F (1°C) and 50°F (10°C), mix Part A and Part B which have been warmed to 60°F (16°C) minimum, and let mixture stand for 15 minutes before application. This will cause a viscosity increase and thinning may be needed for application. Do not apply **envirofoam 2-U-B** materials to surfaces below 33°F (1°C).

POT LIFE

- POT LIFE AT 70°F (21°C): 30-45 Minutes
- INTENDED APPLICATION METHOD: Roll, brush, squeegee