

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

DESCRIPTION

SPECTech 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: SPECTech 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

SPECTech 2-U-B is not designed for long term exposure to weather without top coating. Excellent durability when top coated or when **SPECTech 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 **SPECTech** primers. See primer recommendations below for specific surfaces. The **SPECTech** primer-sealer system is required to achieve adhesion and minimize blistering when coating concrete. **SPECTech 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 **SPECTech 1-U-P** then **2-E-P**
- Metals: **SPECTech 2-E-P**

MIXING

WARNING: DO NOT MIX COMPONENTS WITH OTHER SPECTech 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 **SPECTech 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 **SPECTech 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

This information and technical advice provided herein are believed to be reliable and accurate to the best knowledge of SPEC Technologies Ilc. as based on tests and should serve only as recommendation. As the seller, SPEC Technologies Ilc. makes no representation or warranties of any kind, expressed, implied or statutory, including but not limited to all implied warranties of merchantability or fitness for use or a particular purpose for the product. SPEC Technologies Ilc. makes no representations or warranties as to the result of the use of the product and assumes no obligation or liability in the connection therewith. SPEC Technologies Ilc. is not liable for any incidental or consequential damages of any sort from the use of this product. The information provided herein is subject to change any time without notice. Information changes may include, but are not limited to, commercial and technical changes, changes in pricing, Physical characteristics and packaging.