



TC-90 FLAT A/B FLEXIBLE URETHANE PAINT TWO-COMPONENT LOW VOC PRIMER AND TOPCOAT



TC-90 FLAT A/B was designed to bond to a wide variety of polyurethane elastomers, costume foams, and many other substrates. It is a low VOC system that is in compliance with air quality standards for California Rule 1151 and for other state regulations. This coating may eliminate the need for a separate primer when applied to a clean dry surface. It is easily pigmented with BJB 6800 Pigments and/or works as a clear topcoat. It can be applied by brush or spraying.

- Non-yellowing
• Excellent abrasion resistance
• Cures at ambient temperatures
• Brush or Spray application
• Exceptional matting and color retention
• Works on flexible materials 30 Shore A and higher

Table with 2 columns: PHYSICAL PROPERTIES and RESULTS. Rows include Color/Appearance, Solids (%), and VOC Content (g/l).

Table with 3 columns: HANDLING PROPERTIES, Part A, and Part B. Rows include Mix Ratio by weight, Mix Ratio by volume, Specific Gravity @ 77°F (25°C), Color, and Viscosity (cps) @ 77°F (25°C) Brookfield.

APPLICATION INFORMATION:

The mix ratio is 50 to 100 parts by volume and the mixed material will be usable for one to two hours. BJB 6800 Pigment series is compatible with TC-90 FLAT A/B as well as many Powder-based Pigments. If other types of pigments or tints are used, testing is necessary to avoid problems (no water-based pigments).

Application is by brushing or spraying. Spraying can be done with a conventional spray gun or airbrush. Recoat time between spray coats is typically 15 minutes depending on ambient temperature and thickness of coating applied. Tack free time is typically 1-2 hours depending on ambient temperature. Once spraying is finished, equipment should immediately be cleaned with acetone. Brush coats should be applied thin to allow a faster dry time and prevent trapping solvents.

The TC-90 FLAT A/B can be re-coated within two hours for best bonding performance. Allow to cure overnight before masking off areas with tape to apply additional coatings and colors. The surface remaining to be coated will require a solvent wash and possibly a little abrasion to insure adhesion.

STORAGE:

Store at ambient temperatures, 65-80°F (18-27°C). Unopened containers will have a shelf life of 6 months from date of shipment when properly stored at recommended temperatures. Purge opened containers with dry nitrogen before re-sealing.

PACKAGING	Part A	Part B
Quart Kits	1 lbs.	2 lbs.
Gallon Kits	4 lbs.	8 lbs.
5-Gallon Kits	20 lbs.	40 lbs.

SAFETY PRECAUTIONS:

Use in a well-ventilated area and wear a cartridge respirator. Avoid contact with skin using protective gloves and protective clothing. Repeated or prolonged contact on the skin may cause an allergic reaction. Eye protection is extremely important. Always use approved safety glasses or goggles when handling this product.

IF CONTACT OCCURS:

Skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. It is *not* recommended to remove resin from skin with solvents. Solvents only increase contact and dry skin. Seek qualified medical attention if allergic reactions occur.

Eyes: Immediately flush with water for at least 15 minutes. Call a physician.

Ingestion: If swallowed, call a physician immediately. Remove stomach contents by gastric suction or induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person.

Refer to the Material Safety Data Sheet before using this product.

⚠WARNING: This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.



Handling Guide