

PRODUCT DATA SHEET FOR STATBOND 5010 2-PART POLYURETHANE ADHESIVE

DESCRIPTION: StatBond 5010 is a two-component, conductive polyurethane adhesive designed for use with conductive floor covering materials on most smooth, solid surfaces. When parts A and B are thoroughly mixed together, they form an adhesive that cures to a tough, flexible film with good adhesion to a wide range of materials.

TECHNICAL DATA:

| | A | B | MIX |
|---------------------------|--------------|-------------|--------------|
| Base: | Polyurethane | Polyamine | Polyurethane |
| Color: | Black | Amber | Black |
| Viscosity: | ~ 65,000 cps | ~60,000 cps | ~ 65,000 cps |
| Wt./Gal.: | 9.0 lbs | 8.9 lbs | 9.0 lbs |
| Mix Ratio: By Wt.: | 100 | 33 | --- |
| By Vol.: | 3 | 1 | --- |
| Flash Point: | >200° F | >200° F | >200° F |
| V.O.C.: lbs/gal/: | <0.1 | <0.1 | <0.1 |
| G/L: | <12 | <12 | <12 |
| % Solids, Wt.: | >99% | >99% | >99% |
| Shelf Life: | 1 year | 1 year | --- |

POT LIFE: 30 – 40 minutes at 75° F
15 – 20 minutes at 100° F

SET TIME: At 75°F, allow 6 – 8 hours for light foot traffic and 24 hours for heavy foot traffic. Cure times will be longer at lower temperatures. Allow 72 hours for heavy foot traffic.

OPEN TIME: Minimum open time is 5 – 10 minutes after adhesive is applied. The maximum open time is 30 – 40 minutes after adhesive is applied at 75° F. Higher temperatures will result in shorter open times.

COVERAGE: 1/16 x 1/16 x 1/16 in. square notched trowel: 180 – 190 ft² per gallon. Coverage will vary with concrete porosity and smoothness.

CLEAN-UP: Use mineral spirits, paint thinner, Isopropanol, MEK or toluene when wet. Cured adhesive is difficult to remove.

SURFACE PREPARATION: Concrete must be clean and dry prior to adhesive application. Concrete must be free of curing membranes, paint, sealers or hardeners. Concrete must be at least 30 days old and have less than 5% moisture to a depth of one inch (or less than 3 lbs. per 1,000 sq. ft per 24-hour period using the Rubber Manufacturers Association Anhydrous CaC1 test.). Subfloor preparation must comply with ASTM F-710-82. Do not apply adhesive if surface temperature drops below the dew point during adhesive application. Do not use this adhesive if hydrostatic pressure exists.

OTHER: Conductance @ 100V applied (surface resistance using "Lite Rite" meter).

| <u>Electrode Distance</u> | <u>Overnight</u> | <u>Ultimate</u> |
|---------------------------|------------------|------------------|
| 4 in. | 100 – 200 k-ohms | 50 – 125 k-ohms |
| 18 in. | 400 – 600 k-ohms | 200 – 400 k-ohms |
| 36 in. | 650 – 900 k-ohms | 400 – 700 k-ohms |

WARNING! READ SDS THOROUGHLY BEFORE USING .