

# #15 TWO PART URETHANE SPECIFICATIONS

# Z110

**DESCRIPTION:**

Zandur #15 Two Part Urethane is a chemically curing urethane adhesive specifically formulated for the installation of rubber floor coverings over porous and non-porous surfaces. This adhesive is recommended over structurally sound, double sheeted wood floors and on concrete sub-floors whether above, on, or below grade, where moisture levels are found to be within acceptable range as listed below in section Sub-Floor Preparation. Follow appropriate industry standards regarding subfloor preparation.

**TECHNICAL DATA:**

	<u>A</u>	<u>B</u>	<u>MIX</u>
<b>Base:</b>	Polyurethane	Polyamine	Polyurethane
<b>Color:</b>	White	Black	Gray
<b>Viscosity:</b>	60,000 cps	700 cps	32,000 cps
<b>Wt./Gal.:</b>	12.0 lbs	8.2 lbs	11.9 lbs
<b>Mix Ratio:</b>			
<b>By Wt:</b>	100	8.0	-----
<b>By Vol:</b>	8.63	1.0	-----
<b>Flash Point:</b>	>200°F (93°C)	>200°F (93° C)	>200°F (93°C)
<b>V.O.C., LBS./GAL.:</b>	<0.1	<0.1	<0.1
<b>G/L :</b>	<12	<12	<12
<b>% Solids, Wt.:</b>	>99	>99	>99
<b>Shelf Life:</b>	1 year	1 year	-----
<b>Freeze Thaw Stable:</b>	Yes	Yes	-----

**Pot Life:** When parts A and B are mixed thoroughly in the proper ratio, Zandur #15 has a 45-60 minute pot life at 68° F. Higher temperatures will result in a shorter pot life.



**SET TIME:** At 75° F allow 8 – 12 hours for light foot traffic and 24 – 48 hours for heavy foot traffic. Lower temperatures will result in longer cure times.

**OPEN TIME:** Maximum open time at 68° F is 45 to 60 minutes. Higher temperatures will result in shorter open time

**SPREAD RATE:** Refer to Zandur Installation Instructions

**CLEAN-UP:** Wet adhesive may be removed immediately with a clean, white cloth dampened with isopropanol or mineral spirits.

**SUB-FLOOR PREPARATION:**

It is essential that moisture tests be performed on all concrete sub-floors regardless of grade level or whether or not the concrete is freshly poured or is classified as an older slab. Moisture testing should be performed by ASTM F 1869 Calcium Chloride Test with moisture levels not to exceed five (5) pounds per Twenty-Four (24) hours per one thousand (1000) square feet or ASTM F 2170 In Situ Relative Humidity Test with moisture levels, relative humidity, when measured by this method, not to exceed seventy-five (75) percent. If the test results exceed the limitations, the installation should not proceed until the problem has been corrected. Adhesive Bond Test: In addition to and not in lieu of moisture test perform the Adhesive Bond Test. In several locations throughout the area to receive the flooring, glue down 3' x 3' pieces of the flooring with the adhesive. Allow to set for 72 hours. A sufficient amount of force should be required to remove the flooring. Additional information with regard to these tests and results can be obtained through Zandur's Technical Service Department. Additional information with regard to sub-floor installation and requirements can be found in ASTM F-710.

**USE WITH CAUTION...**contains epoxy resins. Avoid contact with skin and eyes. Use only in well ventilated areas. Avoid breathing vapors.

Zandur #15 is freeze/thaw stable. If frozen, the adhesive must be allowed to thaw and stabilize before use.