

TECHNICAL DATA

#15 TWO PART URETHANE ADHESIVE

Z110

PRODUCT 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

	A	B	MIXED
Base:	Polyurethane	Polyamine	Polyurethane
Color:	White	Black	Gray
Viscosity:	60,000 cps	700 cps	32,000 cps
Wt./Gal.:	12.0 lbs	8.2 lbs	11.9 lbs
Mix Ratio:			
By Wt:	100	8.0	-----
By Vol:	8.63	1.0	-----
Flash Point:	>200°F (93°C)	>200°F (93° C)	>200°F (93°C)
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	-----
Freeze Thaw Stable:	Yes	Yes	-----

USE INFORMATION

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, 24 – 48 hours for heavy foot traffic and a minimum of 72 hours for rolling loads or performing initial maintenance. 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.

PREPARATION

Zandur #15 can be used on porous and non-porous surfaces free of moisture. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease, oil, pen markings, adhesive residues, etc. that may prevent a proper bond or migrate to the surface causing a stain must be removed. Uneven surfaces must be repaired.

The area to receive flooring should be fully enclosed, weather tight, with an installed operating HVAC system. The installation area, flooring materials and adhesive must be acclimated at a temperature between 65°- 85°F for 48



hours prior to, during and after installation. The relative humidity of the installation area shall be maintained between 35 - 55%.

Prior to installation, sub-floor must be verified to meet all published specifications and all concrete sub-floors must be tested for presence of moisture and verified to be within limits published in Zandur's current sub-floor preparation guide.

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.

APPLICATION

Follow Zandur Installation instructions specific to product being installed.

GENERAL WARRANTY

Adhesive is warranted by manufacturer and NOT by Zandur. Manufacturer warrants its private label adhesive formulations to be free of all manufacturing defects when used following accepted industry standards and procedures for professional installation as outlined by ASTM F 710, CRI-104 or 105, the RFCI, and any other applicable organization or publications to which the manufacturer subscribes.

This would include and be specific to the flooring manufacturer's product information and installation guidelines as developed and approved receiving written acceptance by Zandur. The warranty period shall be in place for one (1) year from the date of installation and will also be guided by the date of manufacture to insure the integrity of the formulation and that proper storage and shipment of same has taken place. If an installation failure occurs within one year from date of installation as a direct result of out-of-specification adhesive, manufacturer will pay for material and reasonable labor as determined by manufacturer. Manufacturer specifically excludes and is not liable for any other damage or loss, including consequential or incidental damage or loss, by this it is meant that any loss, expense or damage other than to the flooring itself that may result from a defect in the adhesive itself. manufacturer reserves the right to inspect any and all installations deemed necessary for the identification of cause and responsibility and/or liability, prior to any settlement authorization by the flooring manufacturer or its designated representative, without regard to third party inspection or sales policy adjustment.

In addition, for the warranty to be in force, at the time of installation the building must be fully enclosed with the HVAC system fully operational and in service during the installation and for a minimum of forty-eight (48) hours prior to and after the installation has been completed. This requirement would be excluded if the installation is to take place outdoors with the adhesive and flooring material approved for the same, with all environmental and installation requirements as written followed. Testing as required by Zandur for moisture, bonding, pH, and any other pre-installation testing required must be documented and available for review upon the initiation of a product claim. It is the position of manufacturer that moisture tests must be performed as described in the latest version of ASTM documents F1869 Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride and/or F2170 Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes.