ANCHOR BOND® POLYSEAL

PRODUCT DESCRIPTION:
Anchor Bond® PolySeal is a single component, solvent based, moisture cure urethane coating. It exhibits excellent characteristics for abrasion resistance and chemical resistance. Another outstanding feature for this product is the excellent substrate penetration which results in excellent adhesion characteristics. This product can be both used as a primer or as a stand alone coating.

RECOMMENDED FOR:
- Sealing or topcoating concrete, wood or steel

SUBSTRATE:
This product can withstand exposure to many common solvents and chemicals.

SOLIDS BY WEIGHT:
50% (+ / - 2%)

SOLIDS BY VOLUME:
46% (+ / - 2%)

COLORS AVAILABLE:
Amber

FINISH CHARACTERISTICS:
High Gloss (70-90 at 60° @ Erichsen glossmeter)

MIX RATIO:
One component

RECOMMENDED THICKNESS / YIELD:
250 sq. ft/gallon @ 6 wet mils thickness

PACKAGING INFORMATION:
5 gal pail
Drum kits are also available

STORAGE CONDITIONS:
Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60° and 90°F.

CHEMICAL RESISTANCE DATA

REAGENT	RATING
acetic acid 5%	B
xylene	B
toluene	B
1, 1, 1 trichloroethane	A
mek	A
gasoline	B
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	C
10% hydrochloric acid	C
20% nitric acid	A
ethylene glycol	C

Rating key:
A – not recommended
B – 2 hour term splash spill
C – 8 hour term splash spill
D – 72 hour immersion
E – long-term immersion

PRIMER:
None required

TOPCOAT:
Optional
- Topcoats or additional coats of this product are optional. Many products are suitable as topcoats. For added chemical resistance or UV stability, topcoat with an aliphatic urethane.
- Typically installed in two coats or as a primer for Anchor Bond® Polyester and Vinylester Flooring Systems and for porous substrates.

CURE RATE:

Tack free (dry to touch)	2-4 hours @ 70°F
Recoat or topcoat	4-6 hours @ 70°F
Light foot traffic	16-24 hours @ 70°F
Full cure (heavy traffic)	2-7 days @ 70°F

SHELF LIFE:
One (1) year in original, unopened containers

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MIXING AND APPLICATION INSTRUCTIONS

1) PRODUCT STORAGE:
Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60° and 90°F.

2) SURFACE PREPARATION:
Surface preparation will vary according to the type of complete system to be applied. For a one or two coat thin build system (3-10 mils dry) we recommend acid etching until a suitable profile is achieved. For a complete system build higher than 10 mils dry, we recommend a fine brush blast (shot blast). All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; this can be done by placing a 4'x4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate is dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

3) PRODUCT MIXING:
None required.

4) PRODUCT APPLICATION:
The material can be applied by brush, roller or spray. Maintain temperatures within the recommended ranges during the application and curing process.

5) RECOAT OR TOPCOATING:
If you opt to recoat or topcoat this product, you must first be sure that all of the solvents have evaporated from the coating during the curing process. The information on the front side are reliable guidelines to follow. However, it is best to test the coating before recoating or topcoating. This can be done by pressing on the coating with your thumb to verify that no fingerprint impression is left. If no impression is created, then the recoat or topcoat can be started. Always remember that colder temperatures will require more cure time for the product before recoating or topcoating can commence. Before recoating or topcoating, check the coating to insure no blushes were developed (a whitish, greasy film or deglossing). If a blush is present, it must be removed prior to topcoating or recoating. A standard type detergent cleaner can be used to remove any blush. Many epoxy overlays and coatings as well as urethanes are compatible for use as a topcoat for this product as well as multiple coats of this product.

6) CLEANUP:
Use xylol

7) FLOOR CLEANING:
Caution! Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

8) RESTRICTIONS:
Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured (see technical data under full cure). It is best to let the floor remain dry for the full cure cycle.