ANCHOR BOND® C.R.U. URETHANE (CLEAR)

PRODUCT DESCRIPTION:
Anchor Bond® Chemical Resistant Urethane is a two-component acrylic/aliphatic polyurethane floor sealer that exhibits excellent characteristics for abrasion resistance, chemical resistance, flexibility, weathering and UV stability.

RECOMMENDED FOR:
- Auto service centers
- Warehouses
- Computer rooms
- Laboratories
- Aircraft hangers
- Cafeterias
- Exterior tanks
- Indoor service & chemical exposure areas
- Outdoor service & chemical exposure areas

SUBSTRATE:
Typically used as a topcoat over most Anchor Bond® Floor Systems that are exposed to extreme UV conditions and direct chemical contact.

SOLIDS BY WEIGHT:
54%

COLORS AVAILABLE:
Clear – high gloss

FINISH CHARACTERISTICS:
High Gloss (80-100 at 60° @ Erichsen glossmeter)

MIX RATIO:
4 parts A / 1 part B

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

PACKAGING INFORMATION:
5 gal kit

STORAGE CONDITIONS:
Store all components in a dry area at a temperature of between 60 and 90°F. Avoid excessive heat and do not freeze.

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

CHEMICAL RESISTANCE DATA

REAGENT	RATING
acetic acid 5%	C
xylene	E
mek	B
methyl alcohol	B
gasoline	D
10% sodium hydroxide	E
50% sodium hydroxide	D
10% sulfuric acid	D
10% hydrochloric acid	D
20% nitric acid	C
ethylene glycol	D

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:
Recommend Anchor Bond® W.B. Epoxy Prime/ Seal (Clear).

TOPCOAT:
None recommended.

CURE SCHEDULE:

Pot life (1 ½ gallon volume)	3-5 hours @ 70°F
Tack free (dry to touch)	2-4 hours @ 70°F
Recoat or topcoat	4-8 hours @ 70°F
Light foot traffic	14-24 hours @ 70°F
Full cure (heavy traffic)	3-5 days @ 70°F

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ANCHOR BOND® C.R.U. URETHANE (CLEAR)
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 either mechanical scarification or 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:
This product is 4 Parts A to 1 Part B mix ratio. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Avoid whipping air into the coating

4) PRODUCT APPLICATION:
The mixed material can be applied by brush, roller or spray. Spraying may require extra safety precautions, therefore, read the MSDS before spraying. Maintain temperatures within the recommended ranges during the application and curing process. Properly prime the substrate. It is best to maintain a wet edge to avoid roller marks. Direct sunlight or high temperatures may cause visible roller marking during application.

5) RECOAT OR TOPCOATING:
Multiple coats of this product are acceptable. If you opt to recoat 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 can be started. Always remember that colder temperatures will require more cure time for the product before recoating can commence. Before recoating or topcoating, check the coating to insure no contaminants exist. If a blush or contaminants are present on a previous coat, remove with a standard detergent cleaner. When recoating this product with subsequent coats of the urethane, it is advisable to apply the recoat before 24 hours pass. Also, it is advisable to degloss the previous coat to insure a trouble free bond.

6) CLEANUP:
Use ketone solvents

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.