



ANCHOR BOND® ANCHOR THANE® TOPCOAT (PIGMENTED)

PRODUCT DESCRIPTION:

Anchor Bond® Anchor Thane® Topcoat (Pigmented) is a two component Aliphatic Polyaspartic coating. It is a UV light stable, high performance polymeric system that exhibits superior chemical resistance to oil, grease, strong detergents and a variety of solvents. Its ability to cure quickly enables flooring projects to be completed in shorter periods of time, therefore creating less down time for production.

RECOMMENDED FOR:

- ▶ Ideal for midcoat and topcoat applications in the AB 4000 Decorative Quartz and Flake Flooring systems
- ▶ To create cleanable, highly light reflective floors in high traffic warehousing areas
- ▶ Adding additional slip resistance to existing floors
- ▶ A quick turnover topcoat over most Anchor Bond® underlayment flooring systems

SUBSTRATE:

Anchor Thane® 100 has excellent durability and chemical resistance. It is fast curing for a quick turn around. It is 100% resistant to UV light. It is available in a variety of colors and cures in cool temperatures.

SOLIDS BY WEIGHT:

100%

SOLIDS BY VOLUME:

100%

COLORS AVAILABLE:

Clear, white, off white, light gray, medium gray, dark gray, tile red, brown, tan, beige, light blue, blue and green. Special colors are available upon request.

FINISH CHARACTERISTICS:

Gloss (90 at 60° @ Erichsen glossmeter)

MIX RATIO:

2 parts A / 1 part B

RECOMMENDED THICKNESS / YIELD:

80 sq. ft / gallon @ 20 mils thickness

PACKAGING INFORMATION:

3 gal kits
15 gal kits

PHYSICAL PROPERTIES

PROPERTIES	TEST METHOD	ANCHOR BOND® ANCHOR THANE® TOPCOAT (PIGMENTED)
COMPRESSIVE STRENGTH	ASTM D-695	11,000 psi
TENSILE STRENGTH	ASTM D-2047	7,000 psi
COEFFICIENT OF FRICTION	ASTM D-2047	> 0.6
IMPACT RESISTANCE	MIL D-2794	> 160
HARDNESS	ASTM D-3363	4 H

CURE SCHEDULE:

Pot life (1 ½ gallon volume)	15 min @ 70°F
Tack free (dry to touch)	1 hour @ 70°F
Light foot traffic	2 hours @ 70°F
Recoat or topcoat	24 hours @ 70°F

PRIMER:

Anchor Bond® 100% Solids Epoxy Primer

Anchor Bond® Anchor Thane® (thinned 20%)

All Anchor Bond® underlayment Flooring Systems

Recommended thinning

xylol (10-20%)

This product can be thinned using xylol to extend the pot life or to increase spread rate.

STORAGE CONDITIONS:

Store all components in a dry area, in temperatures between 32 – 95 deg. F. Avoid excessive heat and do not freeze.

SHELF LIFE:

One (1) year in original, unopened container

**ANCHOR BOND® ANCHOR THANE® TOPCOAT
(PIGMENTED)
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. Low temperatures or great temperature fluctuations may cause product crystallization.

2) SURFACE PREPARATION:

The most suitable surface preparation would be a fine brush blast (shot blast) to remove all laitance and provide a suitable profile. All dirt, foreign contaminants, oil 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 is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

3) PRODUCT MIXING:

This product has a mix ratio of 2 Parts A to 1 Part B (by volume). 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. The material in pail is now ready to be applied to the underlayment.

4) PRIMING:

If Anchor Thane® 100 is to be used as a Primer, reduce the mixed liquids 20% with xylol.

5) PRODUCT APPLICATION:

The mixed material can be applied by brush or padco applicator. However, the material can also be applied by a suitable serrated squeegee and then back rolled with a ¼" nap roller, as long as the appropriate thickness recommendations are maintained. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. If concrete conditions or over aggressive mixing causes air entrapment, then an air release roller tool should be used prior to the coating tacking off to remove the air entrapped in the coating.

6) RECOAT OR TOPCOATING:

When topcoating this product, you must first be sure that the coating has tacked off before topcoating. Always remember that colder temperatures will require more cure time for the product before topcoating can commence. If a blush is present, it must be removed prior to topcoating. A standard type detergent cleaner can be used to remove any blush. Many urethanes are compatible for use as a topcoat for this product as well as multiple coats of this product as an intermediate build coat.

7) CLEANUP:

xylol

8) 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.

9) 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.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

We warrant that our product is manufactured to the specifications as stated here or in other publications. All other information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABILITY OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Uncured epoxy resins, polymers and their curing agents may be ALKALINE, TOXIC OR BOTH, DEPENDING ON THE PARTICULAR SYSTEM. THEY MAY CAUSE ALLERGIC REACTIONS OR HYPERSENSITIVITY REACTIONS. BEFORE USING ANY MATERIAL, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.