



ANCHOR BOND® 3800 POLYESTER

PRODUCT DESCRIPTION:

Anchor Bond® 3800 Polyester is a two component resin system designed to incorporate specialty aggregates that are used in troweled or broadcast applications in wet areas where slip resistance is an important factor.

RECOMMENDED FOR:

- ▶ Traffic areas
- ▶ Food processing
- ▶ Meat packaging
- ▶ Paper manufacturing facilities

SUBSTRATE:

This product is not recommended for areas where the styrene odor generated during application could contaminate products. Food products must be removed from area when this product is being installed.

SOLIDS BY WEIGHT:

63% (+ / - 1%)

COLORS AVAILABLE:

Clear Amber, other colors available upon request.

FINISH CHARACTERISTICS:

Gloss

MIX RATIO:

As Broadcast Laminate

1 gal. Part A / 1 or 2 oz. Part B / 30# Aggregate (4 layers)

Final Coat

1 gal. Part A / 1 or 2 oz. Part B / 5 oz. Releasing Agent

As Troweled Slurry

1 gal. Part A / 2 oz. Part B / 10-15# Part C
(Silica Sand or Quartz)

Final Coat

Same as Broadcast Laminate

Note: Troweled Slurry – Amount of broadcast sand will vary depending on type used.

RECOMMENDED THICKNESS / YIELD:

40 sq. ft. @ 1/8" as troweled slurry per gallon

10-12 sq. ft. @ 1/4" as broadcast laminate per gallon

PHYSICAL PROPERTIES

| PROPERTIES | TEST METHOD | ANCHOR BOND® 3800 POLYESTER |
|-------------------|-------------|--------------------------------|
| FLEXURAL STRENGTH | ASTM D-790 | 15,500 psi |
| TENSILE STRENGTH | ASTM D-638 | 9,400 psi |
| BARCOL HARDNESS | ASTM D-2583 | 41.5 |

PRIMER:

Anchor Bond® Polyseal

TOPCOAT:

Anchor Bond® Polyester Resin with surfacing agent. For additional heat or chemical resistance use Anchor Bond® Vinylester Resin.

CURE SCHEDULE:

Gel time 18-22 minutes
Gel to Peak time 11-16 minutes
Peak Exotherm 290° - 325° F / 143° - 162° C

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. Low temperatures or great temperature fluctuations may cause product crystallization.

PACKAGING INFORMATION:

5 Gal. Unit 50 sq. ft.
55 Gal. Unit 550 sq. ft.
Note: Part C, aggregate (Purchased separately or locally)

SHELF LIFE:

One (1) year in original, unopened containers

ANCHOR BOND® 3800 POLYESTER 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 1 gal. part A to 1 to 2 ounces part B. Standard packages contain pre-measured mixing tools and should be mixed as supplied in the kit. We highly recommend that the kits not be broken down unless suitable weighing equipment is available. 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. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the primed substrate.

4) PRIMING:

Use Anchor Bond® Polyseal

5) PRODUCT APPLICATION:

The mixed material can be applied by trowel, brush, roller or squeegee. 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 or prior to broadcasting aggregate to remove the air entrapped in the coating.

6) RECOAT OR TOPCOATING:

This product is color stable and a topcoat of another epoxy or urethane type material is not recommended. When topcoating use this product with the proper amount of releasing agent. Always remember that colder temperatures will require more cure time for the product before topcoating can commence.

7) CLEANUP:

Use Xylol, MEK or Acetone

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 MERCHANTABLE 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.