



Corporate Offices
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SEALER 200WB

**TWO COMPONENT, WATER BORNE
 ALIPHATIC URETHANE FLOOR
 COATING**

FEATURES

User Friendly
 Field and shop application
 Soap & water clean up
 Low odor, low VOC's
 Excellent adhesion and chemical & abrasion
 resistance

RECOMMENDED APPLICATIONS

Research Facilities
 Laboratories
 Food & Beverage Facilities
 Hospitals

COLORS: solid – Consult Dudick, Inc. for color
 chart. Gloss, satin, matte

PHYSICAL PROPERTIES

Adhesion ASTM D3359	5B over cured epoxy
Tensile Strength ASTM D638	8500 PSI
Tear Strength ASTM D624 Die C	450 PSI
Shore D Hardness ASTM D2240	85
VOC % Solids	Less than 35 g/l ≈60%
Chemical Resistance ASTM D1308 24 hr. spot test	No effect water 2% Sulfuric Acid, 6% H ₂ O ₂ .

Consult Dudick representative for further
 information on chemical resistance.

SPECIFICATIONS

Primer 200WB shall be 5-6 mils WFT, water
 borne urethane as manufactured by Dudick Inc.

Sealer 200WB shall be a two component
 waterborne urethane coating applied at 6-8 mils
 WFT as manufactured by Dudick, Inc. Material can
 be applied by brush, roller or spray in accordance
 with the manufacturer's recommended practices.

Sealer 200WB offers the abrasion resistance and
 toughness inherent of urethanes. It also provides
 excellent resistance to UV discoloration, impact and
 staining.

**ESTIMATING QUANTITIES AND
 ORDER BILL OF MATERIAL**

APPROXIMATE SQUARE FEET PER GALLON
PRIMER 200WB 275-325 ft. ² @ 4-5 mils WFT
SEALER 200WB 200-275 ft. ² @ 3-4 mils DFT / 6-8 mils WFT

Quantities shown are for estimating purposes only.
 Actual field usage may vary.

APPLICATION INSTRUCTION

SURFACE PREPARATION

Concrete: Concrete must be prepared mechanically
 to remove surface laitance. Oils, grease or other
 contaminant must be removed prior to surface
 preparation. Concrete must be free of curing

compounds and form release agents. Surface texture should be similar to 80-100 grit sandpaper or the visual standard, CSP-1 from the International concrete Repair Institute.

The prepared surface should have a minimum tensile strength of 200 PSI per ASTM D7234.

All concrete substrates must be checked for moisture prior to product application using the Plastic Sheet Test, ASTM D4263.

Additional surface preparation will be required if a 80-100 grit texture is not achieved and the surface laitance not completely removed with the first mechanical preparation procedure.

Mechanical preparation removes laitance, exposing honeycombs or voids beneath the surface that must be filled with ***Scratch-Coat**. (Refer to specified Dudick **Scratch-Coat** separate product bulletin).

APPLICATION SPECIFICATIONS

Substrate temperature must be between 50°F and 90°F.

Relative humidity must not exceed 90%.

Substrate temperature must be 5°F above the Dew Point.

Do not apply **Sealer 200WB** in direct sunlight.

Working life ≈ 60 minutes @ 70° F.

PRIMING

PRIMER 200WB MIX RATIO (BY VOLUME)

Component A Pre-Measured Unit
 Component B Pre-Measured Unit

PRIMER 200WB POT LIFE

TEMPERATURE	PRIMER 200WB
50°F	90 min.
75°F	60 min.
90°F	30 min.

PRIMING

Concrete: Mix the pre-measured units of **Primer 200WB Component A with Component B**. Prime all concrete surfaces to be coated with **Primer 200WB** at 3-5 mils.

Cure Cycle for Primer 200WB:

Temperature	Minimum Recoat Time	Maximum Recoat Time
50°F	12 hrs.	10 days
75°F	6-8 hrs.	5 days
90°F	4-5 hrs.	48 hours

Application of **Primer 200WB** in direct sunlight may lead to blistering, pinholes, or wrinkling due to outgassing of air in the concrete and high substrate temperatures. Double priming, shading, or evening application may be required. Consult a Dudick representative.

To optimize intercoat adhesion, we recommend application of the basecoat while the **Primer 200WB** is tacky. If this is not possible, the above recoat times must be observed. Exposure of the primer to direct sunlight will considerably shorten the recoat times.

If recommended recoat times are exceeded, consult a Dudick Representative; sanding or abrasive blasting may be required before the coating, lining or floor topping can be applied.

SEALER 200WB

Sealer 200WB is provided in pre-measured units. Do not break units down. *Do not dilute!*

Mechanically mix the Sealer 200WB Component A separately for 1-2 minutes to disperse any pigments or fillers which have settled. Add the correct amount of Component B and mix until a uniform color is achieved.

Contact Dudick representative for recommendations for spray applications.



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DRY TIMES

Dry times @70°F (21°C) and 50% RH ,
Dry to Touch 6 hours
Dry Time 24 hours
Full Cure 14 days
For recoat, sanding is recommended after 14 days.
Contact Dudick representative if 14 days is
exceeded.

CLEAN UP

Clean all tools and spray equipment immediately
after use with warm water & detergent. Acetone
may be used as a final rinse.

SHIPPING

Refer to Material Safety Data Sheets.

STORAGE

Protect from freezing! Sealer 200WB will
typically remain stable up to 6 months when stored
between 50°F and 75°F. **If frozen, contact
Dudick representative. Primer 200WB**
components will have a three-month shelf life.
Exposure to excessive heat may cause premature
gelling, reduce working time and shelf life.

SAFETY

M.S.D.S.: Material Safety Data Sheets must
always be read before using products. Sealer
200WB is intended for application by experienced,
professional personnel. Dudick, Inc. can supply
supervision to help determine that the surface has
been properly prepared, the ingredients correctly
mixed, and the materials properly and safely
applied.

If **Sealer 200WB** is to be applied by your own
personnel or by a third party contractor, please be
sure that they are aware of the following safety
precautions:

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.
- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it. **Primer 200 & Sealer 200WB** liquid can be removed with soap and water. **DO NOT USE ACETONE.**
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately.

NOTE: Dudick, Inc. ("Dudick") warrants all goods of its manufacture to be as represented in its catalogs and that the manufacture of its products by its employees or sub-contractors shall be performed in a workmanlike manner. Dudick's sole obligation

under this warranty shall be to replace any material which its examination shall disclose to be defective. Dudick makes no warranty concerning the suitability of its product for application to any surface, it being understood that the goods have been selected and the application ordered by the Purchaser. DUDICK, INC. MAKES NO WARRANTY, EXPRESS OR IMPLIED, THAT THE GOODS SHALL BE MERCHANTABLE OR THAT THE GOODS ARE FIT FOR ANY PARTICULAR PURPOSE. THE WARRANTY OF REPAIR OR REPLACEMENT SET FORTH HEREIN IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES ARISING BY LAW OR OTHERWISE; AND DUDICK INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, DOWN TIME, DAMAGES TO PROPERTY OF THE PURCHASER OR OTHER PERSONS, OR DAMAGES FOR WHICH THE PURCHASER MAY BE LIABLE TO OTHER PERSONS, WHETHER OR NOT OCCASIONED BY DUDICK'S NEGLIGENCE. This warranty shall not be extended, altered or varied except by written instrument signed by Dudick and Purchaser.

01/16/18