



**Dudick inc.**

Corporate Offices  
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**PRIMER 200WB**

**TWO COMPONENT, WATER BORNE  
ALIPHATIC URETHANE PRIMER**

**FEATURES**

Low odor, low VOC's  
Excellent adhesion  
Soap & water clean up

**RECOMMENDED APPLICATIONS**

Research Facilities  
Laboratories  
Food & Beverage Facilities  
Hospitals

**PHYSICAL PROPERTIES**

Adhesion, ASTM D7234	Cohesive failure of concrete
QUV Resistance, Accelerated Weathering ASTM D4324/G53	No blistering, rusting, checking or cracking @ 1000 hrs.
Tensile Strength ASTM D638	5,000 PSI

**SPECIFICATIONS**

**Primer 200WB** shall be 4-5 mils WFT, waterborne urethane as manufactured by Dudick Inc.

**ESTIMATING QUANTITIES AND  
ORDER BILL OF MATERIAL**

<b>APPROXIMATE SQUARE FEET PER GALLON</b>
<b>PRIMER 200WB</b>
275-325 ft. <sup>2</sup> @ 4-5 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).

**CMU:** Dudick, Inc. recommends CMU surfaces are lightly abrasive blasted to clean CMU block and to provide a 60-80 grit sandpaper texture of the mortar joints. Care must be taken not to damage CMU.

**Wall Boards:** Consult Dudick, Inc. for preparation methods.

**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 **Primer 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

***DO NOT BREAKDOWN UNITS***

***DO NOT DILUTE***

**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.

**CLEAN UP**

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

**SHIPPING**

Refer to Material Safety Data Sheets.

**STORAGE**

**Protect from freezing! 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.** **Primer 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 **Primer 200WB** is to be applied by your own personnel or by a third party contractor, please be



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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 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.

01/17/18