

## SELECTION & SPECIFICATION DATA

<b>Generic Type</b>	Two-component, water-borne aliphatic urethane floor coating
<b>Description</b>	A two component waterborne urethane coating that offers the abrasion resistance and toughness inherent of urethanes. It also provides excellent resistance to UV discoloration, impact and staining with easy soap and water cleanup.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Field and shop application</li> <li>• Soap &amp; water clean up</li> <li>• Low odor, low VOC's</li> <li>• Excellent adhesion</li> <li>• Excellent chemical &amp; abrasion resistance</li> </ul>
<b>Typical Uses</b>	<ul style="list-style-type: none"> <li>• Research Facilities</li> <li>• Laboratories</li> <li>• Food &amp; Beverage Facilities</li> <li>• Hospitals</li> </ul>
<b>Color</b>	Clear and Standard Colors Standard Color Chart available upon request
<b>Finish</b>	Matte
<b>Primer</b>	Steri-Prime WB, Steri-Prime, Primer 67 series products, or others as recommended by your representative.
<b>Wet Film Thickness</b>	6-8 mils (152.4-203.2 microns)
<b>Dry Film Thickness</b>	3 - 4 mils (76 - 102 microns) DFT
<b>Solids Content</b>	By Volume 50%
<b>Theoretical Coverage Rate</b>	802 ft <sup>2</sup> /gal at 1.0 mils (19.7 m <sup>2</sup> /l at 25 microns) 267 ft <sup>2</sup> /gal at 3.0 mils (6.6 m <sup>2</sup> /l at 75 microns) 200 ft <sup>2</sup> /gal at 4.0 mils (4.9 m <sup>2</sup> /l at 100 microns) Allow for loss in mixing and application.
<b>VOC Values</b>	<b>As Supplied</b> : ~60 g/L

## SUBSTRATES & SURFACE PREPARATION

<b>Concrete</b>	<p>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.</p> <p>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.</p> <p>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).</p>
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# Sealer 200WB Pigmented Matte

## PRODUCT DATA SHEET



## PERFORMANCE DATA (TYPICAL VALUES)

Test Method	Results
Adhesion ASTM D3359	5B over cured epoxy
Chemical Resistance ASTM D1308 24 hr. spot test	No effect, water 2% Sulfuric Acid, 6% H <sub>2</sub> O <sub>2</sub> ,
Flame Rating	A
Flame Spread Index	0
Smoke Dev Index	10
Taber Abrasion ASTM D-4060	45 mg loss
Tear Strength ASTM D624 Die C	450 PSI
Tensile Strength ASTM D638	8500 PSI

Consult Dudick representative for further information on chemical resistance.

## MIXING & THINNING

**Mixing** | 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.

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

**Pot Life** | ~1hr @ 70°F (21°C)

## APPLICATION CONDITIONS

Condition	Surface	Humidity
Minimum	50°F (10°C)	0%
Maximum	90°F (32°C)	90%

Substrate temperature must be 5°F (3°C) above the Dew Point.

Do not apply Sealer 200WB in direct sunlight.

## CURING SCHEDULE

Surface Temp.	Dry to Touch	Drying Time	Final Cure
70°F (21°C)	6 Hours	24 Hours	14 Days

Cure schedule is for 50% relative humidity

For recoat, sanding is recommended after 14 days. Contact Dudick representative if 14 days is exceeded.

## TESTING / CERTIFICATION / LISTING

**General** | Dudick flooring systems can be built to meet or exceed the requirements of Static or Dynamic Coefficient of Friction testing per installation to meet static coefficient of friction requirements for ANSI B101.1 of >0.6 and dynamic coefficient of friction (DCOF)\* – Wet ANSI A326.3 of >0.42.

## CLEANUP & SAFETY

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

## CLEANUP & SAFETY

<b>Safety</b>	<p><b>Material Safety Data Sheets must always be read before using products. Sealer 200WB</b> 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.</p> <p>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:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Suitable respirators should be used during application.</li> <li>• Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.</li> <li>• 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 &amp; Sealer 200WB liquid can be removed with soap and water. <b>DO NOT USE ACETONE.</b></li> <li>• If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.</li> <li>• In case of eye contact, flush with water for at least 15 minutes and consult a physician.</li> <li>• If swallowed, do not induce vomiting; call a physician immediately.</li> </ul>
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## PACKAGING, HANDLING & STORAGE

<b>Packaging</b>	<p><b>1 Gallon Kit:</b>            Part A: 0.75 Gallons (in a 1 gal pail)            Part B: 0.25 Gallons (in a 1 gal can)</p> <p><b>2 Gallon Kit:</b>            Part A: 1.5 Gallons (in a 2 gal pail)            Part B: 0.5 Gallons (in a 1 gal can)</p>
<b>Shelf Life</b>	<p>6 months @ 50°F-75°F (10°C-24°C)</p> <p>Exposure to excessive heat may cause premature gelling, reduce working time and shelf life.</p>
<b>Storage</b>	<p>Protect from freezing! If frozen, contact Dudick representative.</p>

## WARRANTY

To the best of our knowledge the technical data contained herein is true and accurate on the date of publication and is subject to change without prior notice. User must contact Carboline to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Carboline warrants our products to be free of manufacturing defects in accord with applicable Carboline quality control procedures. THIS WARRANTY IS NOT VALID WHEN THE PRODUCT IS NOT: (1) APPLIED IN ACCORDANCE WITH CARBOLINE'S SPECIFICATIONS, AND/OR (2) PROPERLY STORED, CURED, AND USED UNDER NORMAL OPERATING CONDITIONS. Carboline assumes no responsibility for coverage, performance, injuries, or damages resulting from use of the product. If this product is found not to perform as specified upon inspection by a Carboline representative during the warranty period, Carboline's sole obligation, if any, is to replace the Carboline product(s) proven to be defective or refund the purchase price thereof, at Carboline's sole option. Carboline shall not be liable for any other losses or damages. This warranty excludes (1) labor and costs of labor for the application or removal of any product, and (2) any incidental or consequential damages, whether based on breach of express or implied warranty, negligence, strict liability or any other legal theory. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY CARBOLINE, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. All of the trademarks referenced above are the property of Carboline International Corporation unless otherwise indicated. The whole text of this Product Data Sheet, as well as the documents derived from it, have been written in English, and for legal purposes the English version shall prevail.