Sealer 200WB Clear Satin

PRODUCT DATA SHEET

SELECTION & SPECIFICATION DATA

Generic Type	Two-component, water-borne aliphatic urethane floor coating
Description	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.
Features	• Field and shop application • Soap & water clean up • Low odor, low VOC's • Excellent adhesion • Excellent chemical & abrasion resistance
Typical Uses	• Research Facilities • Laboratories • Food & Beverage Facilities • Hospitals
Color	Clear
Finish	Satin
Primer	Steri-Prime WB, Steri-Prime, Primer 67 series products, or others as recommended by your representative.
Wet Film Thickness	6-8 mils (152.4-203.2 microns)
Dry Film Thickness	3 - 4 mils (76 - 102 microns) DFT
Solids Content	By Volume 50%
Theoretical Coverage Rate	802 ft²/gal at 1.0 mils (19.7 m²/l at 25 microns) 267 ft²/gal at 3.0 mils (6.6 m²/l at 75 microns) 200 ft²/gal at 4.0 mils (4.9 m²/l at 100 microns) Allow for loss in mixing and application.
VOC Values	**As Supplied** : ~60 g/L

SUBSTRATES & 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).

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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_2O_2,
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 5ºF (3ºC) 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

Safety	**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.

PACKAGING, HANDLING & STORAGE

Shelf Life	6 months @ 50°F-75°F (10°C-24°C) Exposure to excessive heat may cause premature gelling, reduce working time and shelf life.
Storage	Protect from freezing! If frozen, contact Dudick representative.

WARRANTY

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