

TRANSPARENT ACRYLIC WATER-BASED SEALER

DESCRIPTION

SuperSealTM 20WB is a water-based thermoplastic all-acrylic sealer designed for interior or exterior use over all Spray-TekTM overlay systems as well as bare concrete as a sealing, and dust-proofing compound. It can be applied to bare concrete without the use of a primer, or sprayed on concrete or concrete block, exhibiting excellent water resistance and resistance to water blushing.

WHERE TO USE

Use SuperSealTM 20WB in interior or exterior, horizontal or vertical odor-sensitive locations, such as schools,

apartments, offices, and restaurants. Use on freshly placed or fully aged concrete.

ADVANTAGES

- Good Working Time
- No Odor
- Low VOCs
- Low Water Pickup
- Early Block Resistance
- Quick Drying
- Good Exterior Weatherability

TYPICAL DATA FOR SUPERSEAL 20WB - (MATERIAL AND CURING CONDITIONS AT 73°F UNLESS NOTED, 50% R.H.)

COLOR: Milky White (Dries Clear) VISCOSITY: 285 cps.
pH: 8.2-8.7 (ASTM E-70) CONSISTENCY: Water

Tack-free time – Substrate Temperature 70°F+

To Touch	To Recoat
30 mins	1.5 Hours

Film Clarity	Clear
Adhesion	225 to 350 g/mil (on glass)
Abrasion Resistance (ASTM D-658-44)	185 g/mil

Stain resistance (One Hour Exposure)

Ketchup	Excellent (no effect)
Mustard	Excellent (no effect)
"Kool-Aid"	Excellent (no effect)
Grape Juice	Excellent (no effect)
Coffee	Excellent (no effect)
Chocolate Syrup	Excellent (no effect)
Tincture of Iodine	Fair
Coal Tar	Poor

Chemical resistance (One Hour Exposure with no Evaporation)

Used Motor Oil	Excellent (no effect)
DI Water	Excellent (no effect)
10% Sodium Hydroxide	Excellent (no effect)
10% Sodium Chloride	Excellent (no effect)
10% Calcium Chloride	Excellent (no effect)
3% Trisodium Phosphate	Excellent (no effect)
10% Ammonia	Excellent (no effect)
10% Hydrochloric Acid	Good
Brake Fluid	Poor
100 proof alcohol	Fair
Gasoline	Fair
Skydrol	Poor

Water Blushing Resistance on Black Pigmented Concrete
48 hr in Fog Box No noticeable effect

Water Blushing Resistance on Black Pigmented Concrete
6 months Clear when wet with no visual defects

PACKAGING

SuperSealTM 20WB is available in one-gallon (3.8 L) and five-gallon (18.925 L) containers and fifty-five gallon (208.175 L) drums.

SURFACE PREPARATION

All substrate surfaces must have all loose and deterioration removed to a sound surface. Concrete and other substrates must be clean, sound, and free of dust, grease, waxes, coatings, curing compounds and all contaminants. Concrete surfaces should be etched with a solution of 1 part Muriatic Acid to 4 or 5 parts water, and washed with high pressure water using a minimum of 3000 psi @ 3 or more gallons per minute. If use of acids and/or copious amounts of water are

not possible, the surface should be thoroughly scrubbed, preferably using a buffer type machine with a mild low-suds soap or TSP (Tri-Sodium Phosphate) solution. After scrubbing, rinse the area with clean water and vacuum or mop to remove all water residue. The surface must be allowed to dry completely.



PRECONDITIONING SEALER

For best results, pre-condition SuperSeal™ 20WB by storing it in the area to be applied, or at a temperature similar to the ambient conditions for the installation. Using cold material may dramatically extend dry times, and can also result in a permanent whitening of the sealer due to the fact that it is drying on top while still wet underneath. This can also occur when using material that is too hot. For overall best results, store material at room temperature at all times.

MIXING

No mixing is required; however, if material has been stored for a long period of time, a gentle stirring is advisable. Mix in a manner that will not introduce air and create bubbles. **DO NOT MIX AT HIGH SPEED!**

COVERAGE

Approximately 300-400ft² per gallon. Coverage varies with application method, porosity, and density of concrete. To seal and dustproof, 2 coats are required.

APPLICATION METHODS

1. Apply a continuous, uniform film by low-pressure spray, short-nap roller, or lamb's wool applicator. Low pressure hand-pump sprayer is recommended for best results.
2. For curing, only 1 coat is necessary. Apply evenly as soon as possible after final finishing. To seal and dustproof, 2 coats must be applied at the recommended rates. Apply the second application when all trades are completed and the site is ready for occupancy.
3. SuperSeal™ 20WB applied at 40 to 50° F (4 to 10° C) may retain a white appearance for extended periods, depending on temperature variations. This condition should be temporary. Warmer temperatures will allow the material to dry and clear.

LIMITATIONS

- Not to be used on surfaces to receive concrete overlays or additional toppings, coatings, sealers, or ceramic tile (without proper surface preparation).
- Do not use in areas that require resistance to solvents.
- Do not subject to rain or water until SuperSeal™ 20WB dries hard.
- Do not apply in extremely humid conditions (>70-80%RH)

DRYING TIMES

At 77° F (25° C) and 50% relative humidity. The drying time of water-based materials is directly influenced by temperature and relative humidity. Low concrete or air temperatures or high relative humidity will extend drying times.

Light foot traffic: 4 hours.

Normal traffic: Overnight.

Maximum hardness: 7 days.

MAINTENANCE

For maximum life expectancy, routinely sweep and wash floors with appropriate cleaners and detergents. All chemicals or abrasive grit should be removed as soon as possible.

IMPORTANT INFORMATION

Use of safety goggles, chemical-resistant gloves, adequate ventilation and NIOSH/MSHA approved respirator is recommended.

CLEAN UP

In case of spills wear suitable protective equipment, contain spill, collect with absorbent material, place in suitable container. Clean all tools with soap and warm water. Dispose according to applicable local, state, and federal regulations.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. For respiratory problems, remove person to fresh air. Contact Physician Immediately. Wash clothing before re-use.

Consult Material Safety Data Sheet for More Information

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINERS TIGHTLY CLOSED

SHELF LIFE – 1 year in original unopened container

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

PLAN SPECIFICATION

SuperSeal™ 20WB Suggested Short Form Specification:
All concrete flatwork designated as being sealed in the plans and specifications shall be sealed with 1-2 light even coats of SuperSeal™ 20WB, at the rate of approximately 250 to 300 square feet per gallon (6.13 – 7.36 m²/L), manufactured by CCI 800-443-2871, Layton, UT. SuperSeal™ 20WB shall be applied in accordance with the SuperSeal™ 20WB Technical Information Sheet.