

WB-20

AQUA-CRETE

Technical Data Sheet

DESCRIPTION:

A unique, aqueous, urethane fortified thermoplastic resin dispersion specifically developed for the protection of interior and exterior non-resilient surfaces.

USES:

For industrial use where durability and chemical resistance are required and for exterior application where non-yellowing and water resistance properties are essential. For use on interior and exterior concrete, brick, exposed aggregate and masonry walls and floors.

ADVANTAGES:

- Safe, easy and economical application
- Quick drying for fast recoating
- Clear, colorless film
- Cures quickly for minimum downtime
- No harmful solvent odors
- Resistant to most industrial cleaners and degreasers
- Has excellent abrasion and non-marking properties
- Resists yellowing by sunlight
- Eliminates surface dusting
- Protects against soil penetration and air pollutants on exterior surfaces
- Resistant to damage by standing water
- Exceeds UL requirements for anti-slip coatings

PACKAGING:

Available in 1, 5 and 55 gallon containers.

COVERAGE:

Horizontal Surfaces:

Rough or coarse: 500-600 square feet per gallon
 Medium porosity: 600-800 square feet per gallon
 Smooth or previously coated: 800-1,000 square feet per gallon

Vertical Surfaces:

1,000-1,500 square feet per gallon

TYPICAL PHYSICAL PROPERTIES:

Color:	White/opaque
Percent Solids by Weight:	17.8 ± .3%
Weight per Gallon:	8.49 ± .1 lbs/gal
pH:	7.0 - 8.0
Viscosity:	A4 to A5
Odor:	Mild
Flash Point:	None
Leveling:	Excellent
Application Temperature:	50-95°F
Dry Time:	
Recoat	20 to 40 minutes
Light Traffic	6-8 hours
Gloss:	Good to very good, depending on substrate porosity and number of coats
Removability:	Non Flammable Paint/Varnish Remover
Slip Resistance:	Excellent
Freeze/Thaw:	Protect from freezing
Stability:	Excellent
Shelf Life:	Two years in unopened container

LIMITATIONS:

Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.valsparflooring.com.

Proper material application is the responsibility of the user. Site visits by Valspar personnel are for making technical recommendations only and not for supervising or providing quality control.

STANDARD TESTS:

Refer to the standard test methods below for further information.

ASTM D 4258-83	Standard Practice for Surface Cleaning Concrete for Coating
ASTM D 4259-83	Standard Practice for Abrading Concrete
ASTM D 4260-83	Standard Practice for Acid Etching Concrete
ASTM D 4262-83	Standard Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces

APPLICATION:

Interior Floors:

1. Remove all grease, oil, and other foreign material by scrubbing with a heavy-duty concrete cleaner.
2. On permanent type coatings, it is recommended that the surface be abraded with a 80-100-mesh screen back disc.
Put down a test patch if there is any question of adhesion. Extremely dense concrete may require etching prior to application.
3. For best results, apply with a lambs wool applicator or a low-pressure sprayer (recommended 40 psi) such as a Hudson, airless or power sprayer.
4. Allow 30 minutes to one-hour dry time, depending on conditions, before applying a second coat. A third coat is recommended to ensure protection and higher gloss.
5. The final coat should dry for 6-8 hours before subjecting to heavy traffic.

Exterior Surfaces:

1. Apply in shade or at a time of day to avoid high surface temperatures or direct sunlight (recommended application temperature range is 50° - 80°F).
2. Do not apply to new concrete less than 30 days old.
3. Hose down surface with water then clean with high pressure equipment and cleaner. Rinse thoroughly and allow to dry.
4. Apply with sprayer (40 psi). Use a heavy, wet application to insure adequate sealing. In vertical surfaces, work from the bottom up.
5. Allow 30 minutes or more to dry, depending on conditions, before applying second coat. A minimum of two coats is recommended for optimum protection and weathering resistance. Reduce amount of product sprayed on vertical surfaces after first coat to minimize runoff.

NOTE:

If there is any evidence of streaking or poor leveling, immediately moisten surface by damp mopping or mist spraying.

CAUTION: Apply in shade or at time of day to avoid high surface temperatures or direct sunlight. (Recommended application temperature range is 50° - 80°F).

1. Do not apply to new concrete less than 30 days old.
2. Do not pour unused material back into original container. Product will be damaged if this occurs.
3. Avoid exposure to standing water for 24 hours.

NOTE: FOOD AREAS: remove any exposed food or food products from area where WB-20 AQUA CRETE is being applied and while product is drying.

**REFER TO MATERIAL SAFETY DATA SHEET
FOR FURTHER SAFETY AND HANDLING
INFORMATION.**

See individual labels for more caution statements.

KEEP OUT OF THE REACH OF CHILDREN.

DISPOSAL:

Dispose in accordance with federal, state, and local regulations. Use licensed hazardous waste company.

Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

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