



BREAK WALL SEALER
TDS 140

PURPOSE

Break Wall | Page 1 | TDS 140 | Revised Date: 12.5.2023

Water Repelling, Salt Blocking Surface Protection	<ul style="list-style-type: none"> Protects surface from water, salt & freeze/thaw damage
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SUPERIOR WATER REPELLING & SALT BLOCKING SEALER

FEATURES

High Performance Silane/Siloxane Blend	<ul style="list-style-type: none"> Does not contain any silicone or wax components
Advanced Reactive Chemistry	<ul style="list-style-type: none"> Provides excellent surface protection against water and salt infiltration
Superior Water Repellency	<ul style="list-style-type: none"> Inhibits biological growth such as mold, moss & algae
Breathable Immediate Application	<ul style="list-style-type: none"> Will not trap naturally occurring efflorescence and/or moisture Can be applied on a new, clean and dry surface without waiting* (see Surface Preparation)
Easy To Apply	<ul style="list-style-type: none"> Applies easily on dry or damp surfaces Apply two coats wet-on-wet for optimal performance
Invisible Penetrating Water Based Sealer	<ul style="list-style-type: none"> Does not alter the appearance of the surface (some surfaces may darken slightly) Non-film forming Consistency of water and milky white in appearance when applied. Dries transparent Environmentally friendly, EPA compliant, LOW VOC formula
Temperature Stable	<ul style="list-style-type: none"> Cured sealer is freeze resistant to -60°F (-51°C) and is stable up to 180°F (82°C).

IDEAL APPLICATIONS

- Driveways
- Walk Ways/Stairs
- Garage Floors
- Industrial Flooring
- Building Entrances
- Shopping Malls
- Restaurant Drive-Thru
- Dumpster Pads
- Any high use hardscape surface where protection from water and salt are important.

SUITABLE SURFACES

- Concrete & Clay Pavers
- Natural & Manufactured Stone containing quartz or other silicas **MUST TEST FIRST***
- Flat and Stamped Concrete
- Segmental Retaining Wall Blocks
- Concrete Walls
- Exposed Aggregate
- Unglazed Tile
- Grout
- Not recommended for marble, granite, ceramic tile and polished, honed or high gloss surfaces as they do not have enough surface texture to absorb the sealer. Do not use on asphalt.
- Performance may vary on limestone. Test first to verify performance and appearance before applying.

PERFORM A TEST IN A SMALL AREA TO VERIFY PERFORMANCE AND APPEARANCE BEFORE APPLYING.

***Due to the variability and physical make-up of natural stone this step is required to verify desired performance and appearance.**

COVERAGE PER GALLON

APPLICATION	SQ FEET	SQ METERS
Pavers & Other Hardscape Surfaces	75 - 200	7 - 18.6
Concrete	100 - 200	9.3 - 18.6
Retaining Walls & Other Vertical Surfaces	50 - 200	4.6 - 18.6

Coverage based on two coats applied wet-on-wet at right angles to first coat. Use approximately two thirds of the estimated amount on the first coat and one third on the second ensuring saturation. Actual coverage may vary depending on the type, age, condition, joint size and porosity of the surface, application method and other local conditions such as temperature.

SURFACE PREPARATION

- **Test First:** Test first on a small inconspicuous area to determine suitability and if desired results are achievable with this product on your specific surface. Break Wall may slightly darken some surfaces.
- **New Concrete, Mortar, Grout or Overlays:** Break Wall should be applied once concrete is fully cured (30 days after installation) to ensure optimal performance.
- **Clean Surface:** Surface should be thoroughly cleaned with Trident's cleaners and free from curing compounds, oil, dust, loose material, and previously applied sealer other than Trident's Break Wall sealer. Thoroughly rinse all cleaner residue prior to sealing.
- If installing **joint sand/polymeric sand**, install prior to sealing with Break Wall. Activate polymeric sand per manufacturer's instructions.
- **Allow surface to dry for a minimum of 2 hours** after cleaning, polymeric sand activation and/or rain before sealer application.
- Prior to sealing, **use a leaf blower to remove dust, debris and fine sand particles** from the surface prior to sealing.
- **Cover/Protect** nearby landscape, vehicles and buildings from overspray during application. **AVOID SEALER COMING IN CONTACT WITH GLASS.**

APPLICATION CONDITIONS

- Apply when day and night temperatures are between 40°F - 95°F.
- Surface can be damp with no ponding or pooling of water present. For optimal performance, a drier surface promotes better sealer penetration.
- Avoid windy conditions to keep sealer spray from drifting.
- NO pre-blending or mixing required. **DO NOT DILUTE.**

APPLICATION TOOLS

- Low pressure, high volume sprayer
- Slit foam roller

APPLICATION INSTRUCTIONS

Break Wall is designed for a two-coat application. Second coat must be applied immediately after the first coat (wet-on-wet).

Spray & Back Roll Application:

- To apply sealer, hold sprayer nozzle perpendicular to the surface and overlap each spray pass. Make sure surface is completely saturated.
- At a right angle to the first application, apply the second coat "wet on wet", approximately 10 minutes after the first coat. Do not allow surface to dry between coats.
- **Immediately after second coat**, back roll with a foam roller to eliminate any pooling and to even out sealer.
- **Avoid contact with glass.** If this product is allowed to dry on glass, a residue may be created that is not removable. If accidentally splashed on glass, flush immediately with water.

DRY TIME

- Surface will be dry to the touch in 60 minutes assuming 65-85°F. Low surface or air temperature will extend dry times.
- Protect the surface from dust, rain, condensation, and traffic while drying.
- Area can be open to foot & vehicular traffic in 2 - 4 hours depending on site conditions.

CLEAN UP

For tools and equipment, use soap and water before product is allowed to dry.

MAINTENANCE

Sealed surfaces should be properly maintained to get the best long-term performance from both the pavement and the Break Wall sealer.

- Keep surface clear of buildup of dirt, grime and stains by rinsing with cold, clean water.
- If staining of surface does occur, Trident Sealers are compatible with Trident's Cleaners which can be used to remove general dirtiness, organic and inorganic stains like oils, food and beverages and mineral deposits from the surface.
- Test cleaners in inconspicuous area prior to cleaning.
- Be sure to check dilution rates for all cleaners to determine if they are ready to use or to determine appropriate dilution rate especially for sealed surfaces.
- Efflorescence should be removed using Trident's White Water efflorescence cleaner and a pressure washer, in conjunction with agitation from a natural fiber brush. Care should be taken to ensure that excessive pressure is not utilized, as it may erode joint sand and could damage the surface itself.
- Thoroughly rinse all cleaner off the surface before sealing.

RE-APPLICATION

Re-application may need to be carried out every 5 - 8 years depending on the type of surface and environmental/site conditions.

PACKAGING

5 Gallon Pails
55 Gallon Drums
275 Gallon Totes

STORAGE

- Keep in a cool, well-ventilated place
- Keep in original packaging
- Do not allow to freeze

SHELF LIFE

2 years when unopened and properly stored

VOC CONTENT

< 300 g/L

PRECAUTIONARY INFORMATION

- **KEEP OUT OF REACH OF CHILDREN**
- Use only in original container
- Use only in a well ventilated area
- Wear protective gloves, clothing, face and eye protection
- Wash thoroughly after handling

EMERGENCY & FIRST AID MEASURES

- **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation occurs. Take off contaminated clothing and wash before reuse.
- **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation persists.
- **IN CASE OF FIRE:** Use water, water fog, CO₂, or alcohol resistant foam to extinguish. Do NOT use dry chemical.

See Safety Data Sheet for complete information.

LIMITATIONS

Protect sealer from freezing and store in a cool place when not in use. In winter, keep in heated area. This sealer is not recommended for marble, granite, ceramic tile, and polished, honed or high gloss surfaces as they do not absorb the sealer. A test area is ALWAYS recommended to determine product suitability and compatibility with your specific surface before use and to verify if desired results are achievable. Due to the inherent variability of natural stone and clay products, long term performance may vary. Please consult with Trident prior to sealing if there are concerns. Do not use below grade or where water is always present. Never try to seal wet surfaces with pooling or ponding of water. A minimum air temperature of 40° (5°C) must be maintained for a period of 24 hours prior to application. Air temperature should not exceed 95°F (35°C) during application. Work should cease in inclement weather (rain or strong wind).

WARRANTY

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