



TSUNAMI SEALER
TDS 187

PURPOSE

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Surface Enhancement	<ul style="list-style-type: none"> • Deeply enhances surface with wet look and semi-gloss finish - the extent is dependent on the surface
Joint Stabilization	<ul style="list-style-type: none"> • Hardens joint sand which reduces sand washout, weeds and insect infestation
Surface Protection	<ul style="list-style-type: none"> • Guards against salt, mild acid, alkali and other corrosives • Provides stain resistance which makes cleaning and maintenance easier • Antifungal film protection protects sealer film from mold, moss and algae

PREMIUM WET LOOK JOINT STABILIZING SEALER

FEATURES

Hardens Joint Sand	<ul style="list-style-type: none"> • Prevents sand erosion and deters weeds/insects
Surface Appearance Enhancer	<ul style="list-style-type: none"> • Deep color enhancement with satin finish
Rain Safe In 90 Minutes	<ul style="list-style-type: none"> • Seal without rain affecting schedule
Fungal Guard	<ul style="list-style-type: none"> • Added antifungal protects sealer film from mold, moss & algae
One Easy Application	<ul style="list-style-type: none"> • Protects surface & stabilizes sand joints in one application
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.
Advanced Premium Acrylic Co-Polymer Formula	<ul style="list-style-type: none"> • Will not yellow under exposure to sunlight • Offers long term durability
Film Forming, Solvent Based Sealer	<ul style="list-style-type: none"> • Consistency of water and clear in appearance when applied
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).

SUITABLE SURFACES

- Concrete & Clay Pavers
- Natural & Manufactured Stone **MUST TEST FIRST***
- Travertine
- Flat and Stamped Concrete
- Segmental Retaining Wall Blocks
- Concrete Walls
- Exposed Aggregate
- 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

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
Sealing With Joint Stabilization	80-120	7.4-11.1
Sealing Only Without Joint Stabilization	150-250	13.9-23.2

Coverage based on single application. 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. For more uniform coverage or if desired, a light second coat may be applied after the first coat has dried to the touch.

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.
- **Clean Surface:** Surface should be thoroughly cleaned and prepared with Trident's cleaners. It should be free of oil, dust, loose material, and previously applied sealer other than Trident's Tsunami sealer. Kill and remove growth of any mold, mildew, fungus or algae. Thoroughly rinse all cleaner residue prior to sealing.
- **Allow surface to dry for a minimum of 24 hours** after cleaning and/or rain before joint sand installation or sealer application.
- **Joint Stabilization Preparation:** Paver joints should be no more than 3/4" wide and filled with dry correctly graded joint sand that meets ASTM C144 standard. Compact surface with vibratory roller or compactor after sweeping sand into joints to minimize air voids. Top level of sand should be 1/8" below the bottom of chamfer edge or on non-chamfered surfaces 1/8" down from top of surface.
- Prior to sealing, use a **leaf blower to remove dust, debris and fine sand particles** from the surface.
- **Cover/Protect** nearby landscape, vehicles and buildings from overspray during application.

APPLICATION CONDITIONS

- Apply when day and night temperatures are between 40°F - 95°F.
- Allow surface to dry for a minimum of 24 hours after cleaning and/or rain before sealer application.
- Avoid windy conditions to keep sealer spray from drifting.
- NO pre-blending or mixing required. **DO NOT DILUTE.**
- Excessive applications can cause surface to become slippery. Some surfaces may require an anti-slip additive to increase friction.

APPLICATION TOOLS

- Low pressure, high volume sprayer with neoprene or Viton type fittings.
- Solvent resistant slit foam roller
- Foam squeegee for joint stabilization

APPLICATION INSTRUCTIONS

Tsunami is designed for a one-coat application but if desired an additional light spray coat can be applied only after the first application has dried to the touch.

Spray & Back Roll Application (no joint stabilization):

- To apply, hold sprayer nozzle perpendicular to the surface, spray and overlap each spray pass.
- Due to product drying quickly, **IMMEDIATELY** after spraying, back roll with a foam roller to eliminate any pooling and to even out sealer.
- Do not roll back and forth excessively, as this may cause excessive bubbling. Rolling when sealer film starts to become tacky can cause the roller to become stringy and damage the sealer.

Flood Coat & Squeegee Application For Joint Stabilization:

- Follow coverage guidelines for joint stabilization.
- Spray sealer to cover surface and flood joints ensuring proper sand penetration for stabilization.
- Use a foam squeegee to direct excess sealer into the joints. On an uneven surface, it is recommended to then back roll with a foam roller to even out the sealer and eliminate pooling.

DRY TIME

- Surface will be dry to the touch in 5 - 10 minutes assuming 65-85°F. Low surface or air temperature will extend dry times. Tsunami is rain safe in 90 minutes.
- Protect the surface from dust, rain, condensation, and traffic while drying.
- Area can be open to foot & vehicular traffic in 24 hours depending on site conditions.

CLEAN UP

For tools and equipment, use xylene or toluene 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 Tsunami 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 3 - 5 years depending on the type of surface and environmental/site conditions.

PACKAGING

5 Gallon Pails
55 Gallon Drums

STORAGE

- Store locked up in a cool, well-ventilated place
- Keep in original packaging
- Keep container tightly closed when not in use.
- Do not allow to freeze
- Tsunami is a highly flammable liquid and should be stored away from heat, hot surfaces, sparks, open flames and other ignition sources.

SHELF LIFE

2 years when unopened and properly stored

VOC CONTENT

< 400 g/L

PRECAUTIONARY INFORMATION

- **KEEP OUT OF REACH OF CHILDREN**
- Read label and obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Do not eat, drink, or smoke when using this product
- Wash thoroughly after handling
- Use only outdoors in a well ventilated area
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
- Ground and bond container and receiving equipment
- Use explosion-proof equipment and only non-sparking tools
- Take action to prevent static discharge
- Wear protective gloves, clothing, face and eye protection
- Do not breathe vapors, spray or mist
- Keep container tightly closed when not in use

EMERGENCY & FIRST AID MEASURES

- Get medical attention if exposed and feel unwell, or are concerned.
- **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if feel unwell.
- **IF SWALLOWED:** Immediately call a POISON CENTER or physician. Do NOT induce vomiting.
- **IF ON SKIN:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin with plenty of water or shower. Call a POISON CENTER or physician if you feel unwell or if skin irritation occurs.
- **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 irritation occurs.
- **IN CASE OF FIRE:** Use CO₂, dry chemical, or alcohol resistant foam to extinguish.

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 the Tsunami sealer in areas subjected to strong solvents, such as gasoline or brake fluid. The use of an anti-slip additive is recommended for increased traction on surface inclines or around consistently wet areas such as pool deck surrounds. Do not use below grade or where water is always present. Never try to seal wet or damp surfaces. 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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