

# Engrave-A-Crete, Inc.

## Technical Data Sheet (TDS)

### Concrete Resurrection CR-500 Weather Dance

#### PRODUCT

Weather Dance is a water based silane-siloxane water repellent product for porous construction materials such as concrete, bricks, blocks, stones and mortar. It forms an invisible protective barrier that bonds to the unsealed concrete stone or masonry surface. Weather Dance impregnates and chemically reacts with masonry or cement based materials to provide hydrophobicity and reduce water ingress in treated materials. Weather Dance does not add thickness nor is it a topical sealer. It will not make the surface glossy or change the appearance of the product to which it is applied.

Weather Dance is solvent-free with small molecular structure silanes to impregnate the substrate. The silanes react chemically and bond with the substrate which produces a durable hydrophobic treatment.

- *Penetrates, Bonds & Seals*
- *Resists UV, Salt, Mold & Mildew*
- *No Peeling, No Hot Tire Pick-Up*
- *Horizontal & Vertical*
- *Interior & Exterior*
- *Ideal for Residential or Commercial Concrete and Masonry*

#### USES

Construction materials post treated with Weather Dance Emulsion are resistant against capillary absorption of water and all the dissolved products that the water carries. Weather Dance is an excellent choice for protection of concrete in harsh winter climates where salt and ice melt chemicals are commonly used or where there are repeated freeze/thaw cycles.

For use on:

Concrete Floors & Walls	Block
Exposed Aggregate	Stone
Sidewalks	Unglazed Tile
Patios & Porches	Exterior
Precast Concrete	Terra Cotta
Brick	Grout
Pavers	Sandstone
Interior	

#### SURFACE PREP

The concrete surface must be deemed mechanically and structurally sound and completely clean and porous. If concrete is not open and porous, a mechanical grinding should be performed. If mechanical means of preparation are not suitable, it is recommended to prepare the surface with Concrete Resurrection Surface Prep and Etch solution. The final rinse must contain a neutralizing agent. Do not apply to painted or topically stained surfaces. Can be used on Acid Stained surfaces. Make sure all cure and seal compounds have been removed. Cover windows, doors, etc., prior to application. Use caution when applying on windy days. Remove any overspray immediately with water.

Exteriors: Scrub surface with CR-580 Degreaser and pressure wash.

Interiors: Scrub surface with a black pad and CR-580 Degreaser using a floor machine.

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## APPLICATION

**Do not Dilute – Sealer is packaged as a ready to use material**

**!!! Protect all surfaces around application area from overspray !!!**

Horizontal Surfaces: Using a pump sprayer with a fine tip, apply Weather Dance in a sufficient amount to wet the concrete surface. Do not excessively apply as to leave puddles. For maximum effect, it is preferred to apply 1 medium coat, then after the surface is no longer “milky” looking but still damp, apply a second light coat.

Back rolling with a 3/8 nap roller may be necessary on steep grades to keep Weather Dance from running.

Vertical Surfaces: Apply Weather Dance with a brush & 3/8 nap roller or HVLP sprayer.

*\* In hot dry climates it is recommended to slightly dampen the concrete surface with water prior to application of Weather Dance*

## DRY TIMES

Re-Coat – when surface is no longer “milky” but still damp. ( 10-60 min )

Light Foot traffic – 12 Hours

Vehicle Traffic – 24 Hours

Full Cure / Maximum effectiveness – 7 days

## COVERAGE

200-400 square feet per gallon based on surface porosity.

## SAFETY PRECAUTIONS

Weather Dance will release small amounts of ethanol during curing. Use only in well ventilated area and extinguish all sources of ignition.

**CAUTION: WARNING! IRRITANT! HARMFUL IF SWALLOWED. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.** To avoid breathing vapors open windows and doors or use other means to ensure fresh air entry during application and drying. **FIRST AID:** For Eye Contact: Flush with water for 15 minutes. For Skin Contact: Prolonged contact may cause irritation. Wash affected area with soap and water. If Swallowed: Do not induce vomiting – seek immediate medical attention. Inhalation: If headache or nausea is experienced, remove the individual to fresh air. If symptoms persist, seek medical attention. **CAUTION: KEEP OUT OF REACH OF CHILDREN – DO NOT TAKE INTERNALLY**

## LIMITATIONS

Water uptake of cement-based material under constant hydrostatic pressure cannot be reduced by use of *Weather Dance*. Do not apply when the temperature of the surface to be coated is less than 50°F (10°C) or when temperature is expected to drop below 50°F (10°C) within 24 hours. Do not apply in wet or rainy conditions or if rain is forecast within 24 hours

**KEEP FROM FREEZING:** Do not store at temperatures below 50°F (10°C).

## PACKAGING

16oz bottle, 1 gallon jug, 5 gallon Pail

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