

# CONCRETE STAIN & SUPPLY, LLC

## Technical Data Sheet (TDS)

### CR-550 (580 voc) / CR-560 (400voc) / CR-570 (100voc) OUTSIDE ACRYLIC

\*\*This product may only be used on fully cured concrete. Allow a minimum of 28-45 days of cure time after the concrete is poured to allow ample time for the concrete to completely hydrate.

#### Product

High quality clear, 25% solids, solvent based acrylic designed for sealing decorative concrete projects. Outside Acrylic is a hard acrylic polymer that produces coatings with excellent gloss, stain-resistance and are easy to clean. Adhesion to properly prepared concrete surfaces is excellent and the material is non-yellowing.

#### Coverage

Coverage rate is 200-400 sq ft per gallon. Coverage variations depend on concrete surface porosity and amount of material applied.

#### Surface Preparation

Concrete must be clean and free of dirt, dust, oil, grease, mold and mildew, and any other contaminants.

RAC Stained concrete must be neutralized, thoroughly cleaned, and dry prior to sealing.

WRC Stained concrete must be completely dry prior to sealing.

All new concrete should be allowed to cure for a minimum of 45 days, or until a pH reading of 10.5 or less is achieved.

Concrete must be completely dry prior to sealer application. It is strongly recommended that a surface probe moisture meter be utilized to verify the surface is dry. After visually determining the concrete is dry, test a minimum of 10 different areas of the concrete with the moisture meter. Pay special attention to cracks, control joints, and slab edges.

#### Application Tools

- Pump sprayer
- Airless sprayer
- Roller • Brush

#### Preferred Method – Spraying

The application of solvent based sealers over WRC Water Reducible Acrylic must be by spray application. Application of solvent based sealers with a roller tends to emulsify the WRC Stain and transfer the color.

When spraying, protect surroundings with masking paper, masking plastic, or spray shield. Always use a filter when pouring Outside Acrylic into a sprayer.

Concrete surface temperature must be between 50 - 90 degrees (F). Use only high quality industrial grade solvent resistant spray equipment

If rolling Outside Acrylic work material into a wet edge, and avoid excessive back rolling. When applying 2 coats, roll the second coat perpendicular to the first.

#### Thinning

Thinning of Outside Acrylic with Xylene or Acetone is not allowed. Adding additional solvents to Outside Acrylic will make it non-compliant with Federal, State, and Local VOC compliance laws.

#### Drying Time

Dry to touch: 15-40 minutes

Recoat: 30-40 minutes

Light Foot Traffic: 3 hours

Vehicle Traffic: 72 hours

These dry times are for 75 degree (F) temperatures and medium humidity. Low temperatures will slow drying and curing time. Do not apply if rain is expected within 3 - 6 hours.

## **Clean Up**

Tools can be cleaned with Xylene or Acetone.

## **Storage and Shelf Life**

Do not allow to freeze. Shelf life of unopened product is approximately one year.

Keep away from heat, sparks & flame. Vapors may cause fire.

## **Safety**

Always use appropriate safety equipment including but not limited to, goggles, face shield, rubber gloves, chemical resistant clothing or apron, and chemical respirator. For exterior use only.

**INHALATION:** Vapors may cause dizziness, headaches, or nausea. Immediately move to fresh air. Seek medical attention.

**EYES:** Contact with eyes can cause severe burning, irritation, and blurred vision. Flush with water. Seek medical attention.

**SKIN:** May cause severe irritation and or chemical burns. Wash with soap and water. Seek medical attention.

Keep out of reach of children.

Use only with adequate ventilation.

Keep away from heat, sparks & flame. Vapors may cause fire. Avoid prolonged contact with skin. Use only with adequate ventilation. Avoid breathing vapors or spray mist. Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Close container after use.

It is the sole responsibility of the property owner or applicator to determine the suitability and safety of applying this product in areas of pedestrian traffic.

## **Limitations**

Do not apply when air or surface temperature exceeds 90 degrees (F) or LAP marking / poor penetration / bubbling may result. Do not apply to wet or damp concrete, moisture will inhibit penetration of the sealer and cause improper curing, flaking or lifting of the sealer. Do not apply when it may rain, or if dew may condense on the surface before the sealer has cured. Allow for extended dry times during cold weather / high humidity.

## **Warranty**

The Manufacturer and/or the Seller warrants that if any goods supplied prove defective in workmanship or material, that Manufacturer and/or Seller shall replace them or refund the purchase price. This warranty is made in lieu of any and all other warranties expressed or implied. Before application, the User shall determine the suitability of the product for his intended use and User assumes all risks and liabilities whatsoever in connection therewith. Under no circumstances shall the Manufacturer and/or Seller be liable for incidental, consequential or other damages for alleged negligence, breach of warranty, or strict liability arising out of use or handling of this product. The sole liability of Manufacturer and/or Seller for any claims arising out of the use or sale of the product shall be for the User's purchase price. Any claim of defective product must be received in writing within one (1) year from date of shipment.

## **Prohibitions**

Selected state and county jurisdictions prohibit or limit the use of solvent based products. Users should consult local guidelines before using this product.

## **Slip and Fall Precautions**

OSHA and the American Disabilities Act (ADA) have standards for slip-resistance on pedestrian surfaces. The coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Concrete Stain & Supply, LLC recommends the use of slip-resistant additives in all sealers or coatings that may be exposed to wet, oily or greasy conditions. It is the installer and end users' responsibility to provide a flooring system that meets current safety standards. Concrete Stain & Supply, LLC or its sales agents will not be responsible for injury incurred in a slip and fall accident.