

# ArtCast TSR®

## Top Surface Retarders-Technical Data



### PRODUCT DESCRIPTION

ArtCast TSR® is a spray-applied, film-forming, water-based surface retarder, for use on cast-in-place concrete flatwork. No protective plastic sheets are required after application. It is formulated in five levels of etch for specific sized aggregates and finish requirements, from micro etch to super heavy etch.

### PRODUCT USES

Designed for use on commercial and residential cast-in-place concrete patios, walks, plaza areas, driveways and precast wall panels.

### APPLICATION INSTRUCTIONS

#### Field Samples:

Prepare jobsite mock-up samples to determine level of etch required, using the same materials and application techniques indicated for project.

Place, screed, and float concrete normally.

**Artcrete Stencil Finish (optional):** Layout stencil on concrete surface and trim excess. Float cement paste over the top of the stencil. For heavy etches stencil should be deep enough to be hidden from view.

#### Seeded Exposed Aggregate Finish (optional):

For seeded exposed aggregate finish, immediately after initial bleed water is removed, hand seed exposed aggregate mixture to uniformly cover concrete surface. Hand tamp lightly to embed aggregate below concrete surface. Lightly float concrete surface to required flatness.

#### Protection:

Protect surrounding areas and foliage prior to application. Mask adjacent surfaces not receiving retarded finish.

#### ArtCast TSR® Surface Retarder Application:

Apply ArtCast TSR® liberally by low-pressure garden-type plastic sprayer until entire concrete surface is uniformly and completely hidden, at a rate of 175 to 350 square feet per gallon.

#### Removal:

Based on level of etch desired and consistent with

approved jobsite mock-up sample (approx. 6 to 24 hours ), wash off ArtCast TSR® residue using high-pressure water. Finish shall match approved field sample.

#### Sealing:

When concrete is dry, apply multiple light coats of Artcrete DC3000 sealer for high gloss, or Artcrete DC2500 for satin finish, to concrete surface according to manufacturer's instructions. If desired, mix slip-resistant additive thoroughly in sealer before application, stirring occasionally to maintain even distribution.

### MAINTENANCE

Clean as needed and re-apply sealer as desired.

### SAFETY GUIDELINES

Refer to MSDS (Material Safety Data Sheet) for ArtCast TSR® safety precautions.

### PACKAGING

Available in 5-gallon pails, 55 gal drums or 275 gal totes.

### WARRANTY

ArtCast TSR® is warranted to be of uniform quality within manufacturing tolerances. Since no control is exercised over its use, no warranty—expressed or implied—is made to the effects of such use. Seller and Manufacturer's obligations under this warranty are limited to refunding the purchase price of that portion of the material proven to be defective.

#### ArtCast TSR® Selection Guide

Level	Etch Level (inches)	Color
TSR-ME	0.03	[Green]
TSR-LE	0.15	[Yellow]
TSR-IE	0.50	[Blue]
TSR-HE	1.00	[White]
TSR-SHE	1.25	[Aqua]