

PHYSICAL PROPERTIES:

Density:	12 – 13 lbs/gal	Impact Resistance (ASTM D2794):	Pass
Flash Point (ASTM D93):	162°F (72°C)	Abrasion Resistance (ASTM D968):	No coating loss
Flame Spread (ASTM E84):	Class B	Fungal Resistance (ASTM D3273):	No mold growth
Smoke Developed (ASTM E84):	Class B	Freeze-Thaw Resistance (ASTM C666):	No change
Combustibility (ASTM E136):	Noncombustible		
UV & Condensation Exposure (ASTM D 4587):			
Blistering @ 2000 hr	No blistering		
Cracking @ 2000 hr	No cracking		
Delamination @ 2000 hr	No delamination		

DESCRIPTION:

Tstrata TC – is a one component, acrylic based high build protective top coat for use with V-Wrap FRP systems, concrete, and masonry. Tstrata TC provides a concrete compatible, gray color sand textured finish.

ADVANTAGES:

- Repels water
- Excellent Adhesion
- Protects from UV exposure
- Flame Spread ASTM E-84 Class B
- Highly durable
- Concrete sand finish

APPLICATION INFORMATION

SURFACE PREPARATION:

On FRP: Surface must be clean and dry, free of any deleterious materials.

On Concrete: Cure new concrete and masonry surfaces for 28 days. Surface must be structurally sound, clean, dry, and free of dust, dirt, oil, peeling paint, curing and form release compounds, and other contaminants. Provide an absorptive surface on smooth pre-cast, formed concrete and other substrates by abrading the surface. Surface profile should be equal to CSP 1 to 2 in accordance with ICRI Guideline 310.2.

MIXING:

Tstrata TC should be mechanically mixed using a low speed 3/4" (19mm) drill with a mixing paddle. Mix thoroughly to a uniform, smooth consistency. Avoid entrapping air while mixing.

APPLICATION:

Apply by roller or brush. Avoid applying to excess, which can cause the product to run down the wall or puddle. For application use brushes and 1½" (38.1 mm) nap rollers designed for latex paint. Dampen the brushes or rollers with clean water before use. When using rollers, uniform millage is achieved by rolling Tstrata TC in one direction only.

COVERAGE RATES:

V-Wrap FRP:	100 -125 ft ² /gal
Concrete:	50 -75 ft ² /gal

Note: Tstrata TC coverage rates are approximate per coat and are for estimating purposes only. Surface temperature, porosity, and texture will determine actual material requirements.

CLEAN UP:

Clean tools and application equipment immediately after use with soap and hot water. Clean overspray or drips while still wet with soap and hot water. Dried material may require strong solvents or mechanical abrasion for removal.

FINAL APPEARANCE:

Color:	Gray
Texture:	Fine Sand Finish
Gloss:	Lusterless

SHELF LIFE:

Stored at 70°F (21°C): 24 months in unopened containers.

PACKAGING:

5 Gallon (18.9 Liter) pails

STORAGE:

Store at temperatures between 50°F (10°C) to 90°F (32°C). Protect from freezing.

PRECAUTIONS/ LIMITATIONS:

Do not thin or dilute Tstrata TC.

Do not apply Tstrata TC if rain is expected within 8 hours.

Do not apply over frost filled surfaces.

Do not apply if surface and ambient temperatures are below 45°F (7°C) or above 95°F (32°C).

Not for use on traffic bearing surfaces.

In all cases, consult the Safety Data Sheet before use.

SAFETY:

Avoid breathing vapors in enclosed areas. Avoid contact with eyes and skin. Safety glasses or a face shield are required to prevent eye contact. Rubber gloves, rubber boots, and protective suits are recommended for handling and application of this material.

FIRST AID:

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of clear water; contact physician if necessary.

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