

Form-A-Tread SL (Self Leveling)

DESCRIPTION

Form-A-Tread SL colorized coating system combines a two-component, 100% solids, moisture-tolerant, low to medium viscosity, high strength, low modulus, multi-purpose liquid epoxy binder with specialized aggregates. **Form-A-Tread SL** is extremely durable and provides increased awareness, improved traction, appearance, safety on a variety of surfaces.

WHERE TO USE

Use **Form-A-Tread SL** on surfaces like ramps, platforms, walkways, and any area where a durable, decorative and improved safety coating are desired. Form-A-Tread SL can be used to provide a decorative and slip resistant coating on entrance ways, employee break areas, ramps, driveways, sidewalks, roadways as well as a colorized demarcation of cross walks, shoulders, handicap parking, pedestrian walkways and other applications where colored demarcation of pavement is required. Use on concrete, asphalt pavements, metal diamond plate, wood, and other porous and non porous substrates.

ADVANTAGES

- High strength epoxy binder
- Extremely durable non skid aggregate
- Easily Applied by hand
- Low maintenance
- Various aggregate colors and textures available
- Fast installation - open to traffic in 3.5 hours at 75°F.
- Convenient 1:1 mix ratio by volume
- Made in the USA

ESTIMATED COVERAGE

Epoxy Binder: 25 - 30 sq. ft. / gallon

Colored Aggregate Rate: 1.8 lb. / sq. ft.

Coverage can vary depending on texture of the surface.

PACKAGING

- 2 gallon Kits and 90 Pounds of Aggregate; 600ml Cartridge Packaging available on special order

EPOXY BINDER TECHNICAL DATA

Shelf Life:	2 years in original unopened container.
Storage Conditions:	40°F – 95°F (5°C – 35°C).
Condition material to:	65°F – 85°F (18°C – 29°C) before using.
Mix Ratio	1:1 by volume
Viscosity	1,500 cps @ 77°F
Gel Time (60 g mass)	15 minutes
Full Cure / Walk on Time (75°F or 23°C)	3 to 5 hours
Tensile Properties (ASTM D638), 7-day cure, Tensile Strength:	1,200 psi (8.3 MPa)
Tensile Properties (ASTM D638), 7-day cure, Elongation:	>75%
Bond Strength (ASTM C1583/ACI 503R)	300 psi (2.0 MPa), 100% substrate failure
Compressive Strength (ASTM C579) 3-hour cure:	2,500 psi (17.2 MPa)
7-day cure:	3,000 psi (20.7 MPa)
Flexural Strength (ASTM D790)	3,000 psi (20.9 MPa)
Shrinkage on Cure (ASTM D2566)	0.2%
Thermal Compatibility (ASTM C884)	Pass
Water Absorption (ASTM D570)	0.2% (24 hr.)

COLORED AGGREGATE PROPERTIES

The specialized colored aggregate used in the system provides a durable, high contrast, UV resistant, decorative and slip resistant coating.

Available colors: Grey, Safety Yellow, Plaza Mix, Red, Green (other colors on special order)

CURING TIME (HRS.)

TEMPERATURE (°F)	40	45	50	55	60	65	70	75	80	90
CURE TIME	17	13	11	9	7	6	4.5	3.5	3	1.5

SURFACE PREPARATION

Surface must be clean and sound. Surface should be visibly dry. No standing water. Concrete moisture levels must be less than 5 % when measured using a multi-pen moisture meter.

Remove dust, laitance, grease, curing compounds, impregnations and other contaminants. Concrete surfaces should be shot blasted to a CSP 3-5 per ICRI.

Condition material to 65°F - 85°F (18-29°C) for optimum application. Minimum age of concrete 21- 28 days, depending on mix design. Minimum age of asphalt is 30 days and 75% aggregate exposure.

APPLICATION

The colored aggregate and polymer resin binder shall be dispensed equally across the entire application surface in a manner that covers the surface area to be treated at the mil thickness of 50 - 60 mils without any breaks, swirls, ridge lines or differential thickness of the polymer resin binder over the area being treated. The colored aggregate shall simultaneously cover the polymer resin binder at a rate of 17 - 19 lbs. per square yard.

LIMITATIONS

Minimum substrate temperature is 50°F (10°C). Do not thin. Solvents will prevent proper cure.

CLEAN UP

Collect with absorbent material. Flush area with water. Dispose of in accordance with local, state and federal disposal regulations. Uncured material can be removed with acetone or other approved solvent. Cured material can only be removed mechanically.

LIMITED WARRANTY

All information provided, including but not limited to, any recommendations and advice relating to the application and use of the product is given in good faith based on current experience and product knowledge when properly stored, handled and applied under normal conditions in accordance with the instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Form-A-Tread Company's control are such that no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the product must test the product for suitability for the intended application and purpose before proceeding the full application of the product. We reserve the right to change the properties of its products without notice. All sales of product are subject to its current terms and conditions of sale.

Prior to use the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Safety Data Sheet which are available at www.form-a-tread.com.

Form-A-Tread Company warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet when used in accordance with the written instructions. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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