BUILDING TRUST

PRODUCT DATA SHEET

Sikalastic®-395 Textured

Textured Traffic Coating System

PRODUCT DESCRIPTION

Sikalastic®-395 Textured is a three-component, chemically cured, elastomeric aliphatic polyurethane coating intended for use as the traffic bearing wear and top coat over Sikalastic® 390 polyurethane waterproofing membrane and over Sikalastic® 391 polyurethane intermediate wear coat for pedestrian and vehicular traffic bearing applications.

USES

Sikalastic®-395 Textured may only be used by experienced professionals.

- Multi-story parking garages
- Parking decks and ramps
- Foot bridges and walkways
- Mechanical rooms
- Stadiums and arenas
- Plaza and rooftop decks
- Balconies

CHARACTERISTICS / ADVANTAGES

- Low odor and fast turnaround
- Excellent crack-bridging properties and flexibility, even at low temperatures
- Outstanding resistance to abrasion and wear
- Long term UV resistance
- Resistant to deicing salts
- Range of standard colors

PRODUCT INFORMATION

Packaging	5 gal. 3 component kit, 4.5 gal. comp. A, 0.5 gal. comp. B, 10 lbs. comp. C	
Appearance / Color	Gray, Charcoal and Tan; custom colors available	
Shelf Life	12 months in original, unopened containers	
Storage Conditions	Store dry at 41–95 °F (5–35 °C). Condition material to 65–85 °F (18–30 °C) before using	
Solid content by volume	100 %	(ASTM D-2697)
Volatile organic compound (VOC) content	< 10 g/l	(ASTM D-2369-81)

TECHNICAL INFORMATION

Shore A Hardness	85 +/- 5 (75 °F (24 °C) and 50 % R.H.)	(ASTM D-2240)
Abrasion Resistance	15 mg of loss (75 °F (24 °C) and 50 % R.H.)	(ASTM D-4060, Taber Abraser, CS-17 Wheel/1000 g (2.2 lb)/1000 cycles)
Tensile Strength	2500 +/- 300 psi (75 °F (24 °C) and 50 % R.H.)	(ASTM D-412)
Elongation at Break	145 +/- 50 % (75 °F (24 °C) and 50 % R.H.)	(ASTM D-412)
Tear Strength	79 pli (75 °F (24 °C) and 50 % R.H.)	(Die C, ASTM D-624)
Chemical Resistance	Resistant to deicing salts	

APPLICATION INFORMATION

Coverage	80 sf/gal. at 14 wet mils (14 dry mils) 70 sf/gal. at 16 wet mils (16 dry mils) 62 sf/gal. at 18 wet mils (18 dry mils) Coverage rates provided are intended to achieve required wet film thickness under optimal conditions. Additional material may be required depending on substrate surface roughness and porosity, material , substrate and air temperatures, and other site-dependent factors. This will result in a lower coverage rate.
Pot Life	35–45 minutes

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surface must be clean, dry and sound.

Sikalastic® 390 Waterproofing Base Coat, Sikalastic® 391 Intermediate Wear Coat - Coating should be cured and tack free.

Existing Coatings - Should be cleaned and mechanically abraded to provide a contaminant free, open textured surface. Solvent wipe as allowed by state and local regulations. Sikalastic®Primer can be used as recoat primer .

MIXING

Premix Part A and Part C components using a low speed (400–600 rpm) mechanical mixer and Jiffy Paddle at slow speed to obtain uniform color, making sure to scrape the solids and the aggregate from the bottom and sides of the pail.The aggregate should be evenly diffused in the resin. Pour part B into Part A+ C slowly and while mixing scrape the side of the container, Mix the combined material thoroughly until a homogenous mixture and uniform color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture

APPLICATION

Wear coat: Apply at the recommended coverage rate 16 mils wet (70 sf/gal) using a 1/8”–3/16” notched squeegee or trowel, and backroll using nap roller 3/8” to uniformly backroll prior to applying topcoat. It should be backrolled two times, one perpendicular to the other.

Top coat: Apply at the recommended coverage rate 16 mils wet (70 sf/gal) using a 1/8”–3/16” notched squeegee or trowel, and backroll using nap roller 3/8” to uniformly backroll. The Top coat should be backrolled two times, one perpendicular to the other. Allow coating to cure a minimum of 4 hours at 70 °F and 50 % R.H.; coating must be tack free before overcoating.

Allow coating to cure for a minimum of 36 hours before opening to vehicular traffic.

Removal
Remove liquid coating immediately with dry cloth. Once cured, coating can only be removed by mechanical means.

LIMITATIONS

- To avoid dew point conditions during application, relative humidity must be no more than 95 % and substrate temperature must be at least 5 °F (3 °C) above measured dew point temperatures.
- Minimum ambient and substrate temperature during application and curing of material is 41 °F (5 °C); maximum is 95 °F (32 °C). Frequent monitoring of ambient and substrate temperature should always be

done when applying polyurethane coatings. Note that low temperatures and low humidity will slow down the cure, and high temperatures and high humidity will accelerate it.
- Coating materials will become more viscous at lower application temperatures and be more difficult to spread, which may affect coverage rates.
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- Use properly graded, oven dried aggregates only.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various Sika product solutions). Surface irregularities may reflect though the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Do not proceed if rain is imminent withn 8–12 hours of application. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.
- When applying over existing coatings compatibility and adhesion testing is recommended.
- Opening to traffic or installation of separate wearing course prior to final cure may result in loss of aggregate, or permanent staining and subsequent premature failure.
- Vehicle fluids and some high performance tires can stain the coating. Fluid spills should be removed promptly as the coating can in some cases be damaged from prolonged exposure.
- On grade, lightweight concrete, asphalt pavement, or insulated split slab applications, or applications where chained or studded tires may be used should not be coated with Sikalastic Traffic Systems.
- Unvented metal pan decks or decks containing between-slab membranes require further technical evaluation to determine substrate moisture content and priming with a moisture-tolerant primer reference Sikalastic 390 product data sheet.
- Do not subject to continuous immersion.
- Mockups to verify application methods and substrate conditions as well as desired skid resistance and aesthetics are highly recommended.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- **KEEP CONTAINER TIGHTLY CLOSED**
- **KEEP OUT OF REACH OF CHILDREN**
- **NOT FOR INTERNAL CONSUMPTION**
- **FOR INDUSTRIAL USE ONLY**
- **FOR PROFESSIONAL USE ONLY**

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