

PRODUCT DATA SHEET

Sikalastic®-736 AL Textured

Single component, aliphatic, moisture cured, low VOC, elastomeric polyurethane pre-textured top coat

PRODUCT DESCRIPTION

Sikalastic®-736 AL Textured is a single component, aliphatic, moisture cured, low VOC, elastomeric polyurethane coating intended for use as the traffic system top coat over polyurethane waterproofing membrane for pedestrian and vehicular traffic bearing applications. Sikalastic®-736 AL Textured provides superior UV resistance, slip resistance, color stability and cleanability, as well as more decorative options. Optional Sikalastic® 700 ACL accelerator can be used to speed cure time .

USES

Sikalastic®-736 AL Textured may only be used by experienced professionals.

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

PRODUCT INFORMATION

Packaging	5 gal. pail
Appearance / Color	Gray, Charcoal and Tan; custom colors available
Shelf Life	12 months in original, unopened containers
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Condition material to 65–85 °F (18–30 °C) before using.

Solid content by volume	78.23 %	(ASTM D-2697)
Volatile organic compound (VOC) content	85 g/l	(ASTM D-2369-81)
Viscosity	4000 +/- 1500 cps	

TECHNICAL INFORMATION

Shore A Hardness	90 +/- 5	(ASTM D-2240)
Tensile Strength	4000 +/- 300 psi	(ASTM D-412)
Elongation at Break	250 +/- 50 %	(ASTM D-412)
Tear Strength	400 +/- 50 pli	(Die C, ASTM D-624)
Chemical Resistance	Resistant to de-icing salts.	

APPLICATION INFORMATION

Coverage	100 ft ² /gal. at 12 wet mils (10 dry mils)
	83 ft ² /gal. at 14 wet mils (12 dry mils)
	72 ft ² /gal. at 16 wet mils (14 dry mils)
	62 ft ² /gal. at 18 wet mils (16 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.

APPLICATION INSTRUCTIONS

color packs per tint base unit provides 5 % pigment by volume, and is the standard recommended tint level.

SURFACE PREPARATION

Surface must be clean, dry and sound with an open texture. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes, and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Sikalastic® 710 or Sikalastic® 710 LoVOC Waterproofing Base Coat - Coating should be cured and tack free. Existing Coatings - Should be cleaned and mechanically abraded to provide a contaminant free, open textured surface. Use Sikalastic® Recoat Primer to reactivate the old coating.

MIXING

Thoroughly mix coating using a mechanical mixer (Jiffy) at slow speed until a homogenous mixture and uniform color is obtained (typically 3 minutes). Use care not to allow the entrapment of air into the mixture.
Field Tintable Base – Add 6 Sikaflex® 2C pigment color packs to coating. Thoroughly mix coating using a mechanical mixer (Jiffy) at slow speed until a homogenous mixture and uniform color is obtained with no streaks (typically 3 minutes). Use care not to allow the entrapment of air into the mixture. The use of 6

APPLICATION

Wear coat (optional): Apply at the recommended coverage rate 18 mils wet (62 sf/gal) using a 1/8" notched squeegee or trowel, and backroll using nap roller 1/4" or 3/8" to uniformly backroll prior to applying topcoat. It should be backrolled in every direction to create even texture. Do not dip and roll this product from pail.

Top coat: Apply at the recommended coverage rate 18 mils wet (62 sf/gal) using 1/8" notched squeegee or trowel, and backroll using nap roller 1/4" or 3/8" to uniformly backroll . The Top coat should be backrolled in multiple directions to create even texture . Do not dip and roll this product from pail. Allow coating to cure a minimum of 4 hours at 70 °F and 50 % RH; coating must be tack free before overcoating. Allow coating to cure for a minimum of 72 hours before opening to vehicular traffic

Accelerator: Sikalastic 700 ACL may be added to Sikalastic® 736 AL Textured in order to speed cure time particularly in cold weather conditions. Mix thoroughly prior to application. Add a maximum of 1 quart to 5 gallons (or 1:20 ratio) and only to material that will be applied within 2–3 hours.

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 40 °F (4 °C); maximum is 90 °F (32 °C).
- Do not store materials outdoors exposed to sunlight for prolonged periods.
- Do not thin with solvents.
- 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 within 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.
- Precautions should be taken to prevent odors and/or vapors from entering the building/structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odors and for vapors into the building/structure during product application and cure.
- Opening to traffic or installation of separate wear 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, and 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 and priming with a moisture-blocking primer - contact Sika regarding recommendations.
- Do not subject to continuous immersion.
- Base coat must be kept clean and recoated within 24 hours for two-component base coat, and 72 hours for single component base coat. If this window is exceeded, contact Sika for recommendations.
- 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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA 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 Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or

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