

PRODUCT DATA SHEET

Sikalastic®-715 Textured TopCoat

SINGLE COMPONENT, INTEGRALLY TEXTURED, ELASTOMERIC, TRAFFIC BEARING WEAR AND TOP COAT

PRODUCT DESCRIPTION

Sikalastic®-715 Textured TopCoat is a single component, UV-resistant, aromatic, moisture cured, elastomeric polyurethane coating intended for use as the traffic bearing wear and top coat over polyurethane waterproofing membrane for pedestrian and vehicular traffic bearing applications, and as a protective top coat over polyurethane waterproofing membrane under a separate wearing course such as concrete or asphalt pavement, and tile in a setting bed.

USES

Sikalastic®-715 Textured TopCoat 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

CHARACTERISTICS / ADVANTAGES

- Excellent crack-bridging properties and flexibility, even at low temperatures
- Outstanding resistance to abrasion and wear
- Resistant to water and de-icing salts
- Alkaline resistant
- UV resistant
- Range of standard colors

PRODUCT INFORMATION

Packaging	5 gal. pails
Appearance / Color	Gray, Charcoal and Tan
Shelf Life	12 months year 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	72 % (ASTM D-2697)

Volatile organic compound (VOC) content 232 g/l

(ASTM D-2369-81)

Viscosity 1500 +/- 500 cps

TECHNICAL INFORMATION

Shore A Hardness 85 +/- 5 (75 °F (24 °C) and 50 % R.H.) (ASTM D-2240)

Tensile Strength 3200 +/- 300 psi (75 °F (24 °C) and 50 % R.H.) (ASTM D-412)

Elongation at Break 500 +/- 50 % (75 °F (24 °C) and 50 % R.H.) (ASTM D-412)

Tear Strength 350 +/- 50 pli (75 °F (24 °C) and 50 % R.H.) (Die C, ASTM D-624)

Chemical Resistance Resistant to de-icing salts, and alkaline concrete and cementitious mortars/tile adhesives cure.

APPLICATION INFORMATION

Coverage 80 sf/gal at 16 wet mils (12 dry mils)
66 sf/gal at 18 wet mils (14 dry mils)
58 sf/gal at 20 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

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 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. Solvent wipe as allowed by state and local regulations. Use Sikalastic® Recoat Primer .

MIXING

Thoroughly mix for 3 minutes using a mechanical mixer (Jiffy) at slow speed until a homogenous mixture and uniform color is obtained. Make 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. Use care not to allow the entrapment of air into the mixture.

APPLICATION

Wear coat: Apply at the recommended coverage rate 20 mils wet (58 sf/gal) using a 1/8" or 3/16" notched squeegee or trowel, and backroll using nap roller 3/8" to uni-

formly backroll prior to applying topcoat. It should be backrolled two times, one perpendicular to the other.

Top coat: Apply at the recommended coverage rate 20 mils wet (58 sf/gal) using a 1/8" or 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

Accelerator: Sikalastic 700 ACL may be added to Sikalastic®-715 Textured TopCoat 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.

MAINTENANCE

Clean with non-sudsing detergent and water and inspect regularly for mechanical damage. Snow removal equipment must have shoes, rubber tips or small skis to prevent ruptures. The use of metal blades without protection is not recommended. Damaged areas should be re-

paired promptly. Remove delaminated coating back to well adhered material and reinstall patch according to procedures described above. Do not use asphalt or tar modified products. Consult a Sika representative for recommendations on top coat or wearing surface restoration.

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 directly exposed to sunlight and moisture. Cover and protect materials with breathable type covers.
- 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 through 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.
- Waterproofing applications under overburden, including concrete pavement, and tile in a cementitious set-

ting bed, require further technical evaluation - contact Sika regarding recommendations.

- Do not subject to continuous immersion.
- Sikalastic®-715 Textured TopCoat will chalk, fade, or discolor over time when exposed to UV and under certain artificial lighting conditions. Aliphatic top coats with superior color and gloss retention are available.
- Base coat must be kept clean and recoated within 72 hours. 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.

LOCAL 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 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



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Product Data Sheet
Sikalastic®-715 Textured TopCoat
October 2018, Version 01.02
020812020020000028

Sikalastic-715TexturedTopCoat-en-US-(10-2018)-1-2.pdf

