

PRODUCT DATA SHEET

Sikalastic® P 255

(formerly MSeal P 255)

POLYURETHANE-BASED PRIMER FOR SIKALASTIC DECK COATING

PRODUCT DESCRIPTION

Sikalastic® P 255 is a two-component polyurethane-based adhesive primer for use in deck coating systems.

USES

- Stadiums
- Balconies
- Parking Garages
- Commercial Construction
- Building and Restoration
- Plywood Decks/Balconies
- Plaza Decks

CHARACTERISTICS / ADVANTAGES

- Sikalastic® P 255 is a primer for use with a two-component base coat
- Extremely fast cure time allowing for minimal downtime
- Strong adhesion

PRODUCT INFORMATION

Chemical Base	Fast-curing polyurethane-based adhesive primer.
Packaging	3.4 gallon (12.87 L) pails
Color	Clear/Amber
Shelf Life	15 months
Storage Conditions	Store dry at 41–77 °F (5–25 °C) in a cool, clean, dry area. Condition material to 50–77 °F (10–25 °C) before using for ease of application.
Viscosity	630 cps* * Cold temperatures will increase viscosity.
Solid content by volume	99%

APPLICATION INFORMATION

Coverage	250 - 300 ft ² /gal See preferred Sika Deck Coating Solution for total system yield.
Pot Life	30 min Tested at 73° F (23° C) and 50% relative humidity. Warm temperatures will shorten pot life; plan work accordingly.
Cure Time	2–3 hours at 73 °F (23 °C) and 50% R.H.

SYSTEM INFORMATION

Systems	<ul style="list-style-type: none">▪ Sikalastic® 1500 Pedestrian / Vehicular▪ Sikalastic® 2000 Vehicular▪ Sikalastic® 2500 Pedestrian / Vehicular▪ Sikalastic® 2530 Vehicular▪ Sikalastic® 2575 Vehicular▪ Sikalastic® 2850 Vehicular
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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.

LIMITATIONS

- For use under Sikalastic Traffic and Waterproofing coating systems only, not for use under Sikaflex or Sikasil Sealants without Sika Technical Service approval or if indicated on specific product data sheet.
- 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 30 °F (-1 °C); maximum is 95 °F (35 °C). Surface temperatures must be no higher than 140 °F (60 °C).
- Do not apply on substrates with moisture content greater than 4 % by weight, measured by Tramex Concrete Moisture Encounter Meter.
- The substrate should be free of frost and any residue of ice, snow or moisture.
- Minimum age of concrete must be 21–28 days depending on curing and drying conditions.
- Do not thin with solvents.
- Do not store materials outdoors exposed to sunlight and moisture for prolonged periods.
- Do not apply to substrate surfaces where moisture vapor transmission will occur during application and cure. This condition may be checked using ASTM D-4263 (Polyethylene Sheet method).
- Substrate must be dry prior to application. Do not apply to a frosted, wet, or damp surface.
- Allow sufficient time for the substrate to dry after rain or inclement weather, as there is the potential for

bonding problems.

- On substrates likely to exhibit outgassing apply during falling ambient and substrate temperature. If applied during rising temperature pin holing may occur.
- Precautions should be taken to prevent vapors and/or odors from entering the building/ structure, including but not limited to turning off and sealing air intake vents and throughwall air conditioners, and other means of vapor/odor ingress during application and cure.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various product solutions). Surface irregularities may reflect through the cured system.
- When applying over existing coatings or membranes compatibility and adhesion testing, subsequent approval by Technical Services is required.
- On grade concrete decks should not be covered with Sikalastic® membrane systems.
- Unvented metal pan, split/sandwich slab with encapsulated membrane and/or insulation, cinder fill decks, and lightweight insulating concrete overlays should not be covered with Sikalastic® membrane systems without additional deck evaluation to determine substrate moisture content and subsequent approval.
- Do not thin with solvent.
- Mockups to verify application methods and substrate conditions including compatability and adhesion testing are highly recommended.

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Surface must be clean, sound and dry. 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.

Concrete - Should be cleaned and prepared to achieve a laitance and contaminant-free, open textured surface by blast cleaning or equivalent mechanical means (CSP- 3 per ICRI guidelines). Sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond between the primer and substrate.

MIXING

Before mixing, precondition both components to a temperature of approximately 70° F (21° C). Add entire contents of Part B to Part A. Mix both components with a slow-speed drill for a minimum of 3 minutes. Scrape down sides and bottom of mixing vessel, then mix again for 2 minutes. Keep the mixing paddle submerged during mixing to avoid adding air into the mixture.

APPLICATION

1. Apply with medium nap phenolic core roller or squeegee at a rate of 250–300 ft²/gal (6.4–7.37 m²/L) or approximately 4 wet mils (0.1 mm).
2. Apply primer only to those areas that will be coated within 12 hours with ensuing base coat.
3. Minimum curing temperature is 40° F (4° C). Protect primed areas from rain and moisture.
4. Base coat may be applied over primer in 2–4 hours, depending on temperature and humidity. However, the primer must be tack-free prior to application of base coat.
5. Working time is approximately 30 minutes at 70° F (21° C). Higher temperatures will shorten working time.

Please see the preferred Sika Deck Coating Solution for total system and aggregate surface preparation and application.

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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Prior to each use of any product of Sika Corporation, its



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