

## PRODUCT DATA SHEET

# SikaRoof® Protection Mat 345

### Roof Walkway Pads and Rolls

#### PRODUCT DESCRIPTION

SikaRoof® Protection Mat 345 is a heat and pressure bonded, nonwoven pad, made of spaghetti-like strands of flexible plastic.

#### USES

Protect membranes and surfacing materials in high traffic areas of commercial and industrial roofing systems.

#### CHARACTERISTICS / ADVANTAGES

- Lightweight
- Easy to install and maintain
- Porous, to prevent damming or ponding
- Allows even moisture evaporation from beneath the walkway system to retard algae growth
- Resistant to wind uplift
- UV stabilized and resistant to environmental and chemical degradation
- Does not leach plasticizer
- Highly visible; yellow in color
- Not affected by asphalt or coal tar pitch
- Suitable for use with built-up roof (BUR) and granular surface membranes

#### PRODUCT INFORMATION

##### Packaging

##### Pads

- 3 ft. x 4 ft. pads
- 150 pads per skid (600 lineal ft., 1800 sq. ft.)
- shipping weight is approximately 1350 lbs. per skid

##### Rolls

- 3 ft. x 25 ft. rolls
- 16 rolls per skid (500 lineal ft., 1200 sq. ft.)
- shipping weight is approximately 1100 lbs. per skid

##### Shelf Life

n/a

##### Storage Conditions

n/a

##### Length

Pads: 4ft  
Rolls: 25ft

##### Width

3ft

##### Thickness

5/16" nominal thickness

## SYSTEM INFORMATION

### Compatibility

SikaRoof® Protection Mat 345 maintains its superior physical properties over a wide temperature range of -40°F to +180°F (-40°C to +82°C). It is suitable for exposure to seawater, chlorinated water, caustic soda, sodium chloride, sodium carbonate, sulfuric acid, tributyl phosphate and has superior weatherability. SikaRoof® Protection Mat 345 exhibits excellent resistance to plasticizer migration and is recommended for contact with plasticized vinyl membranes.

## TECHNICAL INFORMATION

<b>Tensile Strength</b>	49.2 psi	(ASTM D 638)
<b>Elongation</b>	186%	(ASTM D 638)

## 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.

## AVAILABILITY/WARRANTY

SikaRoof® Protection Mat 345 does not require any maintenance. Proper surface preparation and installation will ensure a maintenance-free area. Dirt and debris may be flushed from the pad or roll using a power spray or water hose.

## ENVIRONMENTAL, HEALTH AND SAFETY

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

- The substrate must be free of all dirt, dust, talc and any form of moisture such as dew, rainwater, ice or snow.
- All surface preparation cleaning solvents must be allowed to flash off completely prior to installation.
- Household cleaners and detergents are not recommended for substrate preparation. Use solvent-based cleaners as approved by the membrane manufacturer (i.e. mineral spirits).

### APPLICATION METHOD / TOOLS

- Install SikaRoof® Protection Mat 345 on BUR in a thin layer of hot asphalt or coal tar pitch so the hot-mopped material does not bleed through the open pores of the pad or roll (i.e. sprinkle mop).
- Install SikaRoof® Protection Mat 345 on single-ply roof membrane using a 100% silicone, neutral-cure, and vinyl-compatible sealant. Care must be taken to properly prepare the substrate as previously described for installation of pads.
- Use Eternabond™ 2" Doublestick Tape in 12" lengths, intermittently spaced around the pad or roll. Both

surfaces must be clean and dry. Use a steel roller to apply pressure over the pad or roll for proper adhesion to the membrane.

- The approved caulking pattern is two rows of caulk, 1/2" wide by 12" long, applied to the outer edges of each roll with intermittent spacing not to exceed 12 inches.
- A space of no less than 2" and no more than 6" should be left between each roll.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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](http://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

replacement of this product exclusive of any labor costs.  
**NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

**Sika Corporation**

201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)



**Product Data Sheet**

SikaRoof® Protection Mat 345  
February 2024, Version 01.01  
020945011150000013

SikaRoofProtectionMat345-en-US-(02-2024)-1-1.pdf

