

ROOFSLOPE

PRODUCT INFORMATION SHEET

PRODUCT DESCRIPTION

The RoofSlope® product is an acrylic modified cementitious sloping material designed to create auxiliary slope over a wide variety of roof membranes to divert water flow toward drains, scuppers, or an outside edge. The product combines a proprietary blend of cements, resins and aggregates to achieve a workable, easy to use, sloping compound.

USES

The RoofSlope® product provides a quick and easy way to fill in low spots in flat roofs and achieve positive slope to aid in proper drainage. The product provides a durable finish that has the ability to incorporate the appropriate colored granules to match the existing roofing composition. The RoofSlope® material is excellent for new construction as well as retrofit work to help minimize costly removal and/or additional framing expenses required to remedy slope-to-drain issues.

The RoofSlope® material has the ability to be installed in a single application, necessary to achieve the correction of ponding area.

ADVANTAGES

- Cost Effective
- Fast Drying
- Extremely Durable
- Easy to Install
- Tremendous Bond Strength
- Ability to Match a Variety of Roof Finishes
- Monolithic
- Water-Based
- Bonds to a Wide Variety of Substrates
- UV Stable

COLOR / PACKAGING

RoofSlope® DP is gray in color and is available in a 50 lbs. bag or 5-gallon pail.

TECHNICAL DATA

Compressive Strength (ASTM C150-72)	6075 psi (average)
Abrasion Resistance (ASTM D1242)	2.9 gr
Percolation (ASTM Pending)	Pass
Bond Strength (ASTM C297)	Pass
Freeze Thaw (ASTM C67)	Pass
Static Coefficient of Friction (ASTM D635)	Pass
Spread of Flame (ASTM E108)	Class "A"
Intermittent Flame (ASTM E108)	Class "A"
Burning Brand (ASTM E108)	Class "A"

PRODUCT WEIGHT & COVERAGE CHART

Product Thickness	Weight per sq. ft.	Batch Mix	Batch Mix Coverage Rate
¼"	2.5 lbs.	1-50# bag or Pail	30 sq. ft
½"	5 lbs.		15 sq. ft
¾"	7.5 lbs.	1 1/4 Gal. Water	11.25 sq. ft
1"	10 lbs.		7.5 sq. ft
1 ½"	15 lbs.		5.5 sq. ft
2"	20 lbs.		3.75 sq. ft

*The above are estimates. Weight & coverage will vary.
*Contact RoofSlope for light weight options.

MIXING INSTRUCTIONS

Pour 4.75L (1.25 gallons) of water into a clean 19L (5 gallon) plastic container. Add one 50lbs. bag or pail of RoofSlope® Dry Mix, and mix thoroughly for 3 to 4 minutes. Use a Wind-lock B-M1 mixing blade, or equivalent, powered by a 13mm (1/2 inch) variable speed drill, capable of producing 1000 RPMs.



Scan here to visit the RoofSlope website

APPLICATION INSTRUCTIONS

SLOPING BETWEEN SCUPPERS AND DRAINS:

Determine a high point between the scuppers or drains and screed the RoofSlope® using a screed board down to each scupper or drain. Transition to the mineral surfaced roofing membrane should be tapered to zero. Immediately broadcast evenly approximately 20 pounds (per batch mix) of 16 grit silica sand or roofing granules into the wet/uncured slope mix until refusal. this application is imperative for proper cure and performance.

SLOPING LARGE AREAS:

Pour the RoofSlope® Mix over the surface and spread it out using a screed board set to the appropriate slope and length. A shim or nail on one end of the screed board can be utilized to create the desired slope. **Immediately broadcast evenly approximately 20 pounds (per batch mix) of 16 grit silica sand or roofing granules into the wet/uncured slope mix until refusal, this application is imperative for proper cure and performance.**

FILING LOW SPOTS:

Mix RoofSlope® as described in Mixing Instructions above. Pour the RoofSlope® Mix into the middle of the low spot (the material should be mixed wet enough to allow materials to self-level). Using a screed board, pull the board across the low spot, leaving the excess slope mix in the low spot of the substrate, and taper the edges of the perimeter. Once the low spot has been filled in, evenly broadcast 16 grit silica sand or Roofing Granules into the wet/uncured mix until refusal.

SHELF LIFE / STORAGE

The shelf life of is one year from the date of manufacture. Transport and store in original, unopened, undamaged containers. Protect from freezing. Do not store in direct sunlight. Keep in cool dry place.

CLEAN UP

Clean tools and hands with warm soapy water and rinse thoroughly.

WARRANTY

Contact Pli-Dek Systems LLC. for details.

DISCLAIMER

*This information is furnished without warranty, representation, inducement or license of any kind, except sources believed by Pli-Dek Systems, Inc. to be accurate. Pli-Dek Systems, Inc. does not assume any legal responsibility for use or reliance on the information supplied here.

TECHNICAL ASSISTANCE

Contact Pli-Dek Systems LLC. for any job specific questions.



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