

## Commercial Product Data Sheet

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### Product Description

Paraslope is a waterless asphalt encapsulated compressible aggregate designed to address drainage problems in isolated areas. The unique composition of Paraslope allows the product to be layered between membranes without compromising the integrity of the waterproofing system. This allows correction of ponding areas without removing the existing membrane. Paraslope is ready to roof immediately upon compaction and is compatible with asphalt-based roofing systems and substrates.

### Product Uses

Paraslope may be used to facilitate water drainage in new or existing roof systems. It is particularly well suited for remediation of ponding areas where the membrane has already been installed. Paraslope can be easily screeded into depressions (deflection, irregularities, etc.) to correct slope-to-drain. It can also be used to create small water diversions (crickets, saddles, etc.).

Paraslope is intended for use between plies of bituminous or modified bituminous roof membranes. It is not intended for use under membranes or in conjunction with plastic or rubber-based products.

## COMMERCIAL PRODUCT INFORMATION

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### Product Characteristics

Bulk Density: Min. 8 lb/ft<sup>3</sup> (128 kg/m<sup>3</sup>)

Compressed Density after 33% Compaction:  
Min. 12 lb/ft<sup>3</sup> (192 kg/m<sup>3</sup>)

Compressive Strength after 33% Compaction:  
Min. 12 psi (0.8 kg/cm<sup>2</sup>)

### Packaging

Unit: 3 cubic foot (0.08 m<sup>3</sup>) plastic bag

Container Weight: Min. 24 lb (10.9 kg)

Container Yield After 33% Compaction: Min. 24 board feet

Storage and Handling: Paraslope should be stored in a dry place, out of direct exposure to elements. To avoid premature compaction of material, do not double-stack pallets. Premature compaction will make proper installation difficult. Material that comes into contact with moisture should not be used.

### Application Instructions

Temperature Limitations: For best results, the product should be maintained at a minimum 65°F (18°C) temperature prior to use. Paraslope should not be applied in ambient temperatures below 40°F (4°C).

1. **The substrate must be completely dry and clean prior to application of Paraslope. Application of Paraslope over wet substrates will result in blistering.** Mark targeted areas clearly around ponding with a lumber crayon. If the ponded area has already dried, the residual watermark can be used as a guide for marking.
2. Apply a solvent-based asphalt adhesive (such as Siplast PA-311 or PA-311 M) to the substrate at a rate sufficient to achieve the recommended minimum thickness of 24 mils (0.6 mm). To ensure proper adhesion, any surface that Paraslope comes into contact with must be coated with adhesive.
3. Pour loose Paraslope onto the targeted, coated area.
4. Distribute the loose Paraslope material evenly. Excess Paraslope should be swept up to avoid tracking onto the surrounding area.
5. Scream loose Paraslope to the desired slope or elevation. To ensure that Paraslope can be properly compacted, loose material should not be deeper than 2 inches (5.0 cm). Properly compacted Paraslope will be approximately 33% thinner than its original screeded depth.
6. Lay a thin surface cover (1/4-inch (0.6 cm) Dens-Deck, 1/4-inch (0.6 cm) plywood, paneling, masonite, etc.) over the loose material to ensure that the surface remains uniform during compaction. The use of surface covers thicker than 1/4-inch (0.6 cm) may result in inadequate compaction.
7. After the surface cover is in place, compact Paraslope by moving a water-filled roller (200 lb – 400 lb) (90 kg - 180 kg) across the surface cover. A steel tamp can be used to compact Paraslope in areas where use of a roller is impractical.
8. If indentions due to foot traffic are deeper than 1/8-inch (0.3 cm), further compaction is necessary. Remove the surface cover and place plastic sheeting over the entire area to prevent Paraslope from sticking to the water-filled roller during final compaction.
9. Move the water-filled roller across the plastic sheeting until the desired compaction is obtained.

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# PARASLOPE

10. If more than the recommended 2 inches (5.0 cm) of loose material is required to fill the area before compaction, Paraslope must be applied in multiple layers. In such cases, use a hand-held sprayer to apply a solvent-based asphalt primer (such as Siplast PA-1125) over the surface of the previously compacted layer. Then, introduce additional loose material and repeat the compaction process. **The final compacted thickness of a finished Paraslope application should not exceed 4 inches (10.1 cm).**
11. The preferred method of attaching membrane to compacted Paraslope is with a solvent-based asphalt adhesive (such as Siplast PA-311 or PA-311 M). Pre-cut sheets and apply adhesive to the back of the sheets at a rate sufficient to achieve the recommended minimum thickness of 40 mils (1.0 mm). After the back of the sheet is coated, it is set directly into position – a technique commonly referred to as “flying in” the sheet.
12. If the membrane is to be applied with hot asphalt or by torch, the product is rolled into place. In the case of hot asphalt application, a pouring can should be used to apply the asphalt to the Paraslope surface. When torching, it is important to direct the flame to the back of the membrane, not to the Paraslope surface.

## ***Limitations***

### Substrate

**The substrate must be completely dry before Paraslope is applied.**

### Thickness

The final compacted thickness of a finished Paraslope application should not exceed 4 inches (10.1 cm).

### Traffic

Paraslope is not recommended for use in areas subject to heavy traffic.

## Number of Bags to fill Ponding Areas

<u>Average Pond Depth inches (cm)</u>	<u>Approximate Bags Per Square (m<sup>2</sup>)</u>
0.25 (0.6)	1.1 (0.12)
0.50 (1.3)	2.1 (0.23)
0.75 (1.9)	3.2 (0.34)
1.00 (2.5)	4.2 (0.45)
1.25 (3.2)	5.3 (0.57)
1.50 (3.8)	6.3 (0.68)
1.75 (4.4)	7.4 (0.80)
2.00 (5.0)	8.4 (0.90)
2.25 (5.7)	9.5 (1.02)
2.50 (6.3)	10.5 (1.13)
2.75 (7.0)	11.6 (1.25)
3.00 (7.6)	12.6 (1.35)