



TURFPAVER III MATERIAL SPECIFICATION

NOTE: All measurements are subject to manufacturing tolerances unless otherwise stated.

| MATERIAL PROPERTIES | TEST METHOD | UNIT | TEST VALUE |
|---------------------------------------|-------------|---|----------------|
| Minimum Polymer Density | ASTM D 1505 | lb/ft ³ (g/cm ³) | 0.940 (58.7) |
| Environmental Stress Crack Resistance | ASTM D 1693 | hrs | 3400 |
| Carbon Black Content | ASTM D 1603 | % by weight | 1.5% minimum |
| Nominal Sheet Thickness | ASTM D 5199 | mm (mils) | 1.25 (50) ± 5% |

SSPCo provides this information only as an accommodation to our customers. No warranty or other representation regarding the suitability of the application procedure is made due to the fact that each installation has specific requirements that may not have been considered in this generalized procedure. SSPCo makes no warranties or representations regarding the suitability of its TurfPaver for specific uses or applications. Our liability is limited to furnishing, without charge, a replacement for any TurfPaver section that is proven defective under normal use and service.

| PHYSICAL PROPERTIES | TYPICAL VALUE | | | |
|--|---|------------------------|---------------------|-----------------------|
| Nominal-Expanded Cell Size (width x length) | 5.75 in (146 mm) x 5 in (127 mm) | | | |
| Nominal-Expanded Cell Area | 14.4 in ² (92.9 cm ²) | | | |
| Nominal-Expanded Section | 4.8 ft (1.46 m) x 12.08 ft (3.68 m) | | | |
| Nominal-Expanded Section Area | 58 ft ² (5.4 m ²) | | | |
| Cell Depth | 2 in (50 mm) | 3 in (75 mm) | 4 in (100 mm) | 5 in (125 mm) |
| Seam Peel Strength ¹ | 160 lbs (710 N) | 240 lbs (1065 N) | 320 lbs (1420 N) | 400 lbs (1775 N) |
| Flexural Strength | 15 layers of a 4 inch perforated material shall be tested for flexural strength (simply supported beam) per ASTM D 790 modified. Minimum value Flexural Stiffness (EI) of 40,000 (lb-in ²), cross-head speed 0.5, in/min, EI=PL3/48fc | | | |
| Section Weight | 16.5 in (7.48 mm) | 24.75 in (11.22 mm) | 33 in (15 mm) | 41.25 in (18.7 mm) |
| Sections per Pallet | 100 | 60 | 50 | 40 |
| Seam Hang Strength | A 4 inch weld joint supporting a load of 160 lbs for 30 days minimum or a 4 inch weld joint supporting a load of 160 lbs for 7 days minimum while undergoing temperature change from 74 F to 130 F on a 1 hour cycle | | | |

¹ Seam Peel Strength per U.S. Army Corps of Engineers Technical Report GL-86-19, Appendix A

² Licensed from the United States Army under Patent No. 4,797,026.

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Pallet Dimensions and Weights

| SSP TURF PAVER III (58 SF PER PANEL) | WEIGHT PER PANEL | PANELS PER PALLET | NET WEIGHT |
|---|-----------------------------|------------------------------|-------------------|
| 2 in x 4.8 ft x 12.08 ft | 16.5 | 100 | 1650 |
| 3 in x 4.8 ft x 12.08 ft | 24.75 | 60 | 1485 |
| 4 in x 4.8 ft x 12.08 ft | 33 | 50 | 1650 |
| 5 in x 4.8 ft x 12.08 ft | 41.25 | 40 | 1650 |

Size of an individual pallet is 7 ft x 3.5 ft x 2.5 ft

Weight of an empty pallet is 100 lbs

4 pallets can be stacked on 7 ft of deck

Material is best transported on a flat bed truck if more than 2 pallets

A full truck load (48 ft flat bed) can hold 24 pallets with a total weight of 42,000 lbs

A 40 ft container can hold 20 pallets of material and 20

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