



TRAPTEX® HRN

Traptex® HRN is a high quality synthetic fiber bunker lining material having excellent drainage & sand retention capabilities with enhanced UV resistance. The product features a 22x18 polyester reinforcement mesh layer adhered to the upper surface. The product demonstrates superior compressed thickness below moderate sand depths & in wet conditions.

<u>Property</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Weight	14.5	oz / sq. yd.	Fiber Bond (nominal)
Thickness	0.72	inches	Fiber Bond (nominal)
Permeability (initial)	4,500	inches / hour	ASTM-D5493 (below 4" sand)
Permeability (long term)	~ 90	inches / hour	Applying Total Rf = 50
Thickness (compressed)	0.50	inches	ASTM-D5493 (below 4" sand)
A.O.S. (Upper Surface)	#40	US Sieve	ASTM-D4751 (mesh 'capped')
A.O.S. (Lower Surface)	#20	US Sieve	ASTM-D4751
U.V. Resistance	> 90%	% Retained	ASTM-D4355 (200 hours)

Product Color White (Munsell color approx. 2.5Y 8/1 to 8/3 – may vary)

<u>Dimension</u>	<u>Value</u>
Roll Width	78.75 inches (2.0 m)
Roll Length	82 feet (25.0 m)
Roll Diameter	32 inches
Roll Weight	54 pounds, approx.

Installation shall be per manufacturer's guidelines with soil fastener spacing not to exceed 4" center to center on edges and seams and 24" center to center on flat areas and 12" center to center on slopes. This product is intended for use with all subgrade soil types. Coarse, clean, angular bunker sands with a relatively high angle of repose preferred. This material rated for mild slopes up to 0.6:1 (40 degrees). The product should be cut with a powered cutting disc tool or sharp shears (disc tool preferred). This material has enhanced UV resistance (i.e. 200 hours lab. test exposure translates to about 120 days real sunlight exposure) but should be covered with sand within a reasonable length of time not exceeding 60 days. Drainage characteristics based on sand unit weight of 110 lbs/cu.ft. This material should be cut and tucked into gravel drain lines. Bunker sand cover depth of 4" recommended for floors tapering to 1" to 2" at the top of bunker slopes. Prudent attention to depth maintenance and conscientious raking required. Install with mesh side up. Use of high impact polystyrene S&T Stakes or bezinal coated steel staples preferred wherever soil conditions are potentially corrosive. For most soil conditions galvanized staples are often suitable. Where used, galvanized staples may be pneumatically applied.
 Dated: October, 2010.