

TECHO—BLOC

Prescott 4.5" (equivalent to twice the Prescott 2.25")

Block Properties

Segmental Unit Properties

Cap Height : 0.00 inches

Height (Hu) : 4.50 inches

Width (Wu) : 9.84 inches

Length (Along Wall) : 12.00 inches

Setback : 0.35 inches

Batter/Unit : 4.45 degrees

Weight (Infilled) : 42.55 lb

Unit Weight (Infilled) : 138.37 pcf

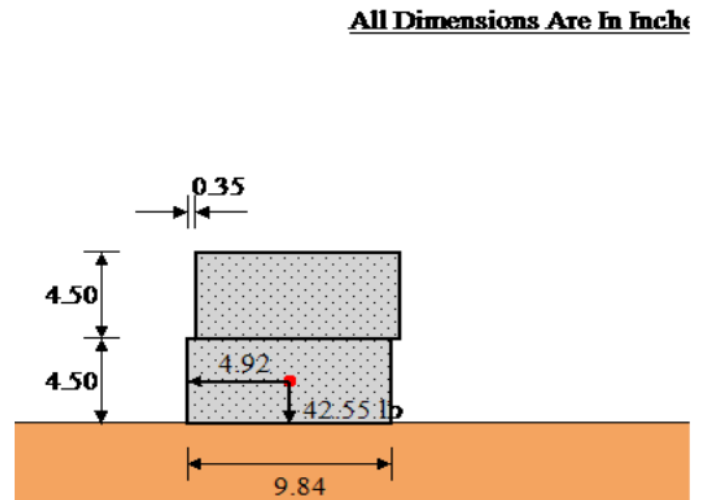
Center of Gravity : 4.92 inches

☐ Default (Wu/2)

Name

Prescott 4.5 in

Cross-Section



Note: Cap unit required but not shown

Shear and Connection data

Segmental Unit : Prescott 4.5 in

Geosynthetic Supplier : TenCate Mirafi

Unit-Unit Interface Properties

Minimum Shear Capacity : 629.06 lb/ft

Friction Angle : 20.80 degree

Maximum Shear Capacity : 970.32 lb/ft

Geosynthetic-Unit Interface Properties

	Geosynthetic Product	Min Conn. Capacity (lb/ft)	Normal Load (IP-1) (lb/ft)	Conn. Capacity (IP-1) (lb/ft)	Normal Load (IP-2) (lb/ft)	Max Conn. Capacity (IP-2) (lb/ft)	Min Shear Capacity (lb/ft)	Friction Angle (degree)	Max Shear Capacity (lb/ft)
▶	Miragrid 3XT	309.20	276.00	518.00	688.66	831.42	609.88	22.00	959.36