

TECHO—BLOC

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

Block Properties

Segmental Unit Properties

Cap Height : 0.00 mm

Height (Hu) : 114.00 mm

Width (Wu) : 250.00 mm

Length (Along Wall) : 305.00 mm

Setback : 9.00 mm

Batter/Unit : 4.51 degrees

Weight (Infilled) : 19.30 Kg

Unit Weight (Infilled) : 21.76 kN/m³

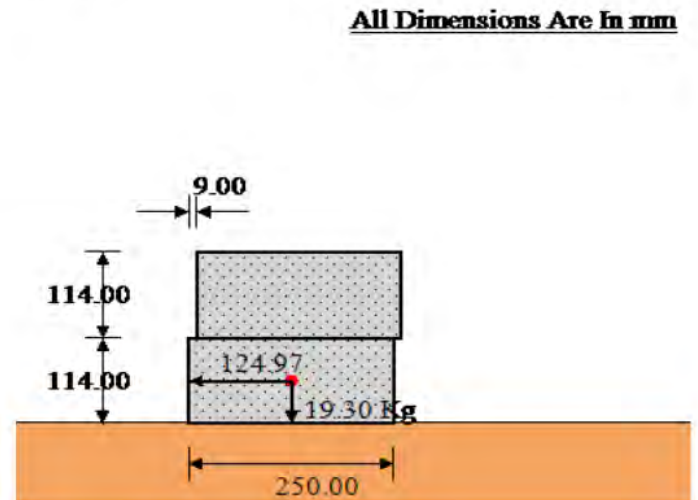
Center of Gravity : 125 mm

☐ 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 : 9.18 KN/m

Friction Angle : 20.80 degree

Maximum Shear Capacity : 14.16 KN/m

Geosynthetic-Unit Interface Properties

	Geosynthetic Product	Min Connection Capacity (KN/m)	Normal Load (IP-1) (KN/m)	Conn. Capacity (IP-1) (KM/m)	Normal Load (IP-2) (KN/m)	Max Connection Capacity (KN/m)	Min Shear Capacity (KN/m)	Shear Angle (degree)	Max Shear Capacity (KN/m)
▶	Miragrid 3XT	4.51	4.03	7.56	10.05	12.13	8.90	22.00	14.00