

TECHNICAL DATA SHEET

Product Name:	BRANDON
Product type:	Segmental retaining wall (SRW) unit
Application:	•Retaining Walls (midsize) •Freestanding Walls •Pillars •Steps
Features:	•Connector Type: HDPE vertical key (short) •4.4° batter, Near Vertical (requires tilting units back towards fill on leveling pad) •Vertical (for freestanding wall) •Straight, Curved Wall

Geometric characteristics

Nominal Dimensions in. (mm): (height x width x front length x back length)

<u>90 mm</u>		
Unit A:	3 9/16 x 9 13/16 x 11 1/4 x 9 5/8	(90 x 250 x 285 x 245)
Unit B:	3 9/16 x 9 13/16 x 14 3/8 x 12 13/16	(90 x 250 x 365 x 325)
Unit C:	3 9/16 x 9 13/16 x 15 15/16 x 14 3/8	(90 x 250 x 405 x 365)
Pillar/Corner Unit:	3 9/16 x 9 13/16 x 14 3/16	(90 x 250 x 360)
<u>180 mm</u>		
Unit A:	7 1/16 x 9 13/16 x 11 1/4 x 9 5/8	(180 x 250 x 285 x 245)
Unit B:	7 1/16 x 9 13/16 x 14 3/8 x 12 13/16	(180 x 250 x 365 x 325)
Unit C:	7 1/16 x 9 13/16 x 15 15/16 x 14 3/8	(180 x 250 x 405 x 365)
Pillar/Corner Unit:	7 1/16 x 9 13/16 x 14 3/16	(180 x 250 x 360)

Approximate weight:

90 mm (Variable):	23 to 31 lb	(10.2 to 14.0 kg)
Pillar/Corner 90 mm:	40 lb	(18.3 kg)
180 mm (Variable):	46 to 62 lb	(20.6 to 28.3 kg)
Pillar/Corner 180 mm:	82 lb	(37.3 kg)

Texture: Slate

Dimensional tolerances¹:

Length and width:	± 1/8 in.	(3.2 mm)
Height:	± 1/16 in.	(1.5 mm)

Physical characteristics¹

Compressive strength: 5050 psi (35 MPa)

Freeze-thaw durability

Loss of mass after 100 cycles: 1.0 % (max); or

Loss of mass after 150 cycles: 1.5 % (max)

Water absorption: 9 lb/ft³ (144 kg/m³) (max)

Notes

1. Meets and exceeds the requirements of the ASTM C 1372 Standard Specification for Dry-Cast Segmental Retaining Wall Units. Dimensional tolerance requirements for width are waived for split-faced and other architectural surfaces.

To learn more about the textures and colors for this product, please contact our representatives