

TECHNICAL DATA SHEET

Product Name: MINI-CRETA ARCHITECTURAL

Product type: Segmental retaining wall unit (SRW unit)

Application:

BATTER ²	CONNECTOR TYPE	ALIGNMENT		TYPICAL HEIGHT RANGE ³	GRAVITY		GEOGRID REINFORCED	PERVIOUS CONCRETE BACKFILL	FREESTANDING WALLS	PILLARS ⁴	STEPS	OUTDOOR FIRE FEATURES			
		STRAIGHT WALL	CURVED WALL		SINGLE DEPTH	MULTI DEPTH						FIRE PIT ⁵	GRILL ISLAND ⁵	PIZZA OVEN	FIREPLACE
0° ; 5.3°	HDPE horizontal key	✓	✓	Midsized (up to 8-10 ft)	✓		✓	✓	✓	✓	✓	✓	✓		

Geometric characteristics

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

3"

Unit A: 2 15/16 x 9 13/16 x 9 x 7 (75 x 250 x 230 x 180)

Unit B: 2 15/16 x 9 13/16 x 11 4/5 x 9 4/5 (75 x 250 x 300 x 250)

Unit B:* 2 15/16 x 9 13/16 x 11 4/5 x 11 4/5 (75 x 250 x 300 x 300)

Unit C: 2 15/16 x 9 13/16 x 14 3/4 x 12 4/5 (75 x 250 x 375 x 325)

Unit D: 2 15/16 x 9 13/16 x 14 3/4 x 13 3/4 (75 x 250 x 375 x 350)

6"

Unit A: 5 7/8 x 9 13/16 x 9 x 7 (150 x 250 x 230 x 180)

Unit B: 5 7/8 x 9 13/16 x 11 4/5 x 9 4/5 (150 x 250 x 300 x 250)

Unit B:* 5 7/8 x 9 13/16 x 11 4/5 x 11 4/5 (150 x 250 x 300 x 300)

Unit C: 5 7/8 x 9 13/16 x 14 3/4 x 12 4/5 (150 x 250 x 375 x 325)

Unit D: 5 7/8 x 9 13/16 x 14 3/4 x 13 3/4 (150 x 250 x 375 x 350)

Pillar 24"x6": 5 7/8 x 8 x 16 (150 x 203 x 406)

Approximate weight:

3" (Variable): 17 to 31 lb (7.8 to 14.1 kg)

6" (Variable): 36 to 64 lb (16.3 to 29.1 kg)

Texture: Split face with straight edged corners

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

- 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.
- For 0° degree (vertical) batter retaining walls, it is recommended a slight positive batter achieved by tilting the top surface of the leveling pad from front to back. This will accommodate forward rotation of the wall during or after installation.
- These typical height ranges may require geogrid. Contact our Technical Support for assistance.
- Available Corner/Pillar units, sold separately.
- Installation drawing available.