



1.1: ALLAN BLOCK AB CLASSIC - BLOCK PROFILE

Specification Guidelines:

The following specifications provide Allan Block Corporation's typical requirements and recommendations. At the engineer of record's discretion these specifications may be revised to accommodate site specific design requirements.

**SECTION 1: ALLAN BLOCK MODULAR RETAINING WALL SYSTEMS
PART 1: GENERAL**

1.1 Reference Standards

- A. ASTM C1372 Standard Specification for Segmental Retaining Wall Units.
- B. ASTM C1262 Evaluating the Freeze thaw Durability of Manufactured CMU's and Related concrete Units
- C. ASTM D698 Moisture Density Relationship for Soils, Standard Method
- D. ASTM D422 Gradation of Soils
- E. ASTM C140 Sample and Testing concrete Masonry Units

PART 2: MATERIALS

2.1 Modular Wall Units

- A. Wall units shall be Allan Block Retaining Wall units as produced by a licensed manufacturer.
- B. Wall units shall have minimum 28 day compressive strength of 3000 psi (20.7 MPa) in accordance with ASTM C1372. The concrete units shall have adequate freeze-thaw protection with an average absorption rate in accordance with ASTM C1372 or an average absorption rate of 7.5 lb/ft³ (120 kg/m³) for northern climates and 10 lb/ft³ (160 kg/m³) for southern climates.
- C. Exterior dimensions shall be uniform and consistent. Maximum dimensional deviations on the height of any two units shall be 0.125 in. (3 mm).
- D. Wall units shall provide a minimum of 110 lbs total weight per square foot of wall face area (555 kg/m²). Fill contained within the units may be considered 80 % effective weight.
- E. Exterior face shall be textured. Color as specified by owner.

Designed By:	Title: ALLAN BLOCK TYPICAL CROSS SECTION	Date:
Checked By:	This drawing is furnished for preliminary design purposes only, and should not be used for final design drawings or construction drawings without the certification of a professional engineer registered in the state in which the wall will be constructed. The accuracy and use of details contained in this document are the sole responsibility of the user. The user must verify each detail for accuracy as they pertain to their particular project.	Project No:
Scale: NOT TO SCALE		Drawing No: