

SECTION 03000 - CONCRETE

PART 1 – GENERAL

1.1 SCOPE OF SECTION:

This section contains the University requirements for the use of exposed concrete finishes and slabs on grade.

1.2 GENERAL:

A. INTERIOR FINISHES:

1. Exposed concrete used as an interior finish material shall be formed and finished to tolerances and finish requirements that are appropriate for the occupied space. Tolerances and finish requirements shall be indicated in the contract documents.
2. Horizontal finish tolerances may be specified using F-numbers (floor flatness (Ff) and floor levelness (Fl)) defined by ACI 117 and ASTM E-1155.

B. EXTERIOR FINISHES:

1. Architectural Precast Concrete: Tolerances and finish requirements for architectural precast concrete panels shall be indicated in the contract documents.
2. Cast Stone: See "Cast Stone" in Section 04000.
3. Exposed Structural Concrete: The University discourages the use of exposed structural concrete columns, beams, joists, and slab soffits in public areas exposed to view.
4. Exposed Concrete at Stairs: Exposed concrete at stairs should have chamfered edges no greater than 1/2". See also Section 05000 – Metals, 1.3, A. STAIR NOSINGS.
5. Exterior Concrete Slabs on Grade and Stairs: Exposed concrete traffic surfaces shall have a slip resistant broom finish. Batch colored concrete on exterior slabs is prohibited.

END OF SECTION