

ADMINISTRATIVE ORDER # 2007-5

Minimum Specified Compressive Strength of Concrete Requirement for Residential Construction

Purpose: To establish a requirement for the minimum compressive strength of concrete that is to be placed in structural poured-in place foundation walls, floors, columns and beams in residential construction.

Applicability:

This Administrative Order applies to one & two family dwellings and multiple family dwellings as defined in the International Residential Code in effect at the time of building permit application.

This Administrative Order supersedes Administrative Order numbers 1989-9 and 1999-1.

Requirements: The mix design shall be submitted from the concrete supplier before issuance of the building permit. Mix design shall include proportions of materials, amount (percentage) of entrained air, any admixtures, minimum 28-day psi compressive strength and the slump. Concrete strength certified by the supplier shall be based on the applicable concrete section(s) and table(s) from the International Residential Code and ACI 318 standards in effect at the time of the building permit application.

Issued by: 
Director of Code Compliance

Effective date: 1-2-08