



DSA Structural Amendments under review are highlighted in GRAY

Template 21-17

2001 CBC - Chapter 21A
MASONRY

Section - 2105A - QUALITY ASSURANCE

Subsection(s) - 2105A.3

1 **2105A.3 Compliance with f'_m .**

2
3 *2105A.3.0 f'_m . The specified compressive strength, f'_m , assumed*
4 *in design shall be 1,500 psi (10.34 MPa) for all masonry construc-*
5 *tion using materials and details of construction required herein.*

6
7 **EXCEPTION:** *Subject to the approval of the enforcement agency,*
8 *higher values of f'_m may be used in the design of reinforced grouted*
9 *masonry and reinforced hollow-unit masonry. The approval shall be*
10 *based on test results submitted by the architect or engineer which dem-*
11 *onstrate the ability of the proposed construction to meet prescribed*
12 *performance criteria for strength and stiffness. The design shall as-*
13 *sume that the reinforcement will be placed in a location that will pro-*
14 *duce the largest stresses within the tolerances allowed in Section*
15 *2104A.5 and shall take into account the mortar joint depth. In no case*
16 *shall the f'_m assumed in design exceed 2,500 psi (17.24 MPa).*

17
18 *Where an f'_m greater than 1,500 psi (10.34 MPa) is approved,*
19 *the architect or structural engineer shall establish a method of*
20 *quality control of the masonry construction acceptable to the en-*
21 *forcement agency which shall be described in the contract specifi-*
22 *cations. Compliance with the requirements for the specified*
23 *compressive strength of masonry f'_m shall be in accordance with*
24 *Section 2105A.3.2, 2105A.3.3, 2105A.3.4 or 2105A.3.5.*