



DSA Structural Amendments under review are highlighted in GRAY

Template 19-54

2001 CBC - Chapter 19A
CONCRETE

Section - 1924A - SHOTCRETE

Subsection(s) - 1924A.1

1 *1924A.1 General. Shotcrete shall be defined as mortar or con-*
2 *crete pneumatically projected at high velocity onto a surface. In-*
3 *cluded are such terms commonly known as gunite and guncrete.*
4 *Except as specified in this section, shotcrete shall conform to the*
5 *regulations of this chapter for * * * or reinforced concrete and*
6 *the provisions of ACI 506. Working stresses for the design of rein-*
7 *forced shotcrete shall be based on the specified compressive*
8 *strength of the shotcrete to be used in the structure. The specified*
9 *compressive strength of shotcrete shall not be less than 3,000 psi*
10 *(20.69 MPa).*

11
12 *Concrete or masonry to receive shotcrete shall have the entire*
13 *surface thoroughly cleaned and roughened by sand blasting, and*
14 *just prior to receiving shotcrete, shall be thoroughly cleaned of all*
15 *debris, dirt and dust. Concrete and masonry shall be wetted before*
16 *shotcrete is deposited, but not so wet as to overcome suction. Sand*
17 *for sand blasting shall be clean, sharp and uniform in size, with no*
18 *particles that will pass a 50-mesh screen.*