



SECTION 1056

CONCRETE TINTING MATERIAL

1056.1 Scope. This specification covers material for tinting concrete as shown on the plans.

1056.2 Red Concrete Tinting Material. This material shall consist of a homogeneous mixture of iron aggregate and red mineral oxide pigment of an approved tint with such other additives as deemed necessary by the manufacturer. The tinting material shall contain 7.0 to 10.0 percent red oxide pigment. The material shall be free from oil, grease, dirt and nonferrous particles. The tinting material shall not contain any material that might promote oxidation of the iron particles if exposed to air and moisture, or that might have any detrimental effect on concrete. The iron aggregate portion of the tinting material shall be in accordance with the following gradation requirements:

Sieve Size	Percent by Weight (Mass)
Passing No. 8 (2.36 mm) sieve	95 - 100
Passing No. 16 (1.18 mm) sieve	65 - 87
Passing No. 30 (600 μ m) sieve	30 - 60
Passing No. 50 (300 μ m) sieve	0 - 20
Passing No. 100 (150 μ m) sieve	0 - 5

1056.3 Commercial Tinting Material. Commercial tinting material approved by the engineer may be used, pending satisfactory results in the field.