



**SECTION 1007**

**AGGREGATE FOR BASE**

**1007.1 Scope.** This specification covers aggregate to be used for base.

**1007.2 Type 1 Aggregate.**

**1007.2.1** Type 1 aggregate for base shall be essentially limestone or dolomite. The aggregate shall not contain more than 15 percent deleterious rock and shale. Sand may be added only for the purpose of reducing the plasticity index of the fraction passing the No. 40 (425 µm) sieve in the finished product. Any sand, silt and clay and any deleterious rock and shale shall be uniformly distributed throughout the material. The fraction passing the No. 40 (75 µm) sieve shall have a maximum plasticity index of six.

**1007.2.2** The aggregate shall be in accordance with the following gradation requirements:

Sieve	Percent by Weight (Mass)
Passing 1-inch (25.0 mm)	100
Passing 1/2-inch (12.5 mm)	60-90
Passing No. 4 (4.75 mm)	35-60
Passing No. 30 (600 µm)	10-35

**1007.3 Type 5 Aggregate.**

**1007.3.1** Type 5 aggregate for base shall consist of crushed stone or sand and gravel. The aggregate shall not contain more than 15 percent deleterious rock and shale. If crushed stone is used, sand may be added only for the purpose of reducing the plasticity index of the fraction passing the No. 40 (425 µm) sieve in the finished product. The fraction passing the No. 40 (425 µm) sieve shall have a plasticity index not to exceed six. Any sand, silt and clay, and any deleterious rock and shale shall be uniformly distributed throughout the material. When sand and gravel aggregate are used, the fraction passing the No. 200 (75 µm) sieve shall be less than one half of that fraction passing the No. 30 (600 µm) sieve.

**1007.3.2** Type 5 aggregate shall be in accordance with the following gradation requirements:

Sieve	Percent by Weight (Mass)
Passing 1-inch (25.0 mm)	100
Passing 1/2-inch (12.5 mm)	60-90
Passing No. 4 (4.75 mm)	35-60
Passing No. 30 (600 µm)	10-35
Passing No. 200 (75 µm)	0-15

**1007.4 Type 7 Aggregate.**

**1007.4.1** Type 7 aggregate for base shall consist of crushed stone, sand and gravel, or reclaimed asphalt or concrete. The aggregate shall not contain more than 15 percent deleterious rock and shale. The fraction passing the No. 40 (425 µm) sieve shall have a plasticity index not to exceed six. Any sand, silt and clay, and any deleterious rock and shale shall be uniformly distributed throughout the material.

**1007.4.2** Type 7 aggregate shall be in accordance with the following gradation requirements:

<b>Sieve</b>	<b>Percent by Weight (Mass)</b>
Passing 1 1/2-inch (37.5 mm)	100
Passing 1-inch (25.0 mm)	70-100
Passing No. 8 (2.38 mm)	15-50
Passing No. 200 (75 µm)	0-12