



**SECTION 1009**  
**AGGREGATE FOR DRAINAGE**

**1009.1 Scope.** This specification covers material requirements for aggregate as specified for various drainage systems.

**1009.2 Quality.** All aggregate shall be in accordance with [Sec 1002](#), and shall be of the material and gradation specified herein.

**1009.3 Gradation.**

**1009.3.1 Grade 1.** The aggregate shall be sand and shall be in accordance with [Sec 1005.3](#).

**1009.3.2 Grade 2.** The aggregate shall be a washed sand-gravel mixture in accordance with the following gradation requirements:

Sieve Size	Percent by Weight
1-inch	100
1/2-inch	55-90
No. 10	25-50
No. 40	10-30
No. 100	0-10
No. 200	0-3

**1009.3.3 Grade 3.** The aggregate shall be gravel, crushed stone, reclaimed concrete, or other approved material meeting on the gradation requirements for [Sec 1005.2](#).

**1009.3.4 Grade 4.** The aggregate shall be crushed limestone or dolomite or reclaimed concrete, in accordance with the following gradation requirements:

Gradation A	
Sieve Size	Percent by Weight
1 1/2-inch	100
1-inch	95-100
1/2-inch	25-60
No. 4	0-10
No. 8	0-5

Gradation B	
Sieve Size	Percent by Weight
1-inch	100
3/4-inch	90-100
3/8-inch	20-55
No. 4	0-10
No. 8	0-5

**1009.3.5 Grade 5.** The aggregate shall be crushed limestone or dolomite or reclaimed concrete, in accordance with the following gradation requirements:

<b>Sieve Size</b>	<b>Percent by Weight</b>
1 1/2-inch	100
1-inch	95-100
1/2-inch	60-80
No. 4	40-55
No. 8	5-25
No. 16	0-8
No. 50	0-5