

Section 4122. Crushed Stone Base Material

4122.01 DESCRIPTION.

Crushed stone meeting the following requirements.

4122.02 GRADATION.

- A. Produce Macadam Crushed Stone with a nominal maximum size of 3 inches (75 mm). Screen over a 3/4 inch (19mm) screen, or when specified in the contract documents, a 1 inch (25mm) screen. This is identified as [Gradation No. 13](#) of the [Aggregate Gradation Table](#), Article 4109.02.
- B. The aggregate passing the 3/4 inch (19mm) or 1 inch (25 mm) screen may be furnished as the Choke Stone material; however, 6% to 16% of the material shall pass the No. 200 (75 µm) sieve.

4122.03 QUALITY.

- A. For Macadam Stone Base and Choke Stone, meet the requirements of Table 4122.03-1 when crushed to a 3/4 inch (19 mm) or 1 inch (25 mm) nominal size for testing:

Table 4122.03-1: Macadam Quality

Macadam Quality	Maximum Percent Allowed	Test Method
Abrasion	50	AASHTO T 96
C Freeze	10	Office of Materials Test Method No. Iowa 211, Method C

- B. Choke Stone that is a byproduct of the Macadam production need not be tested. For Choke Stone that is not a byproduct of Macadam production, meet the requirements of Table 4122.03-2:

Table 4122.03-2: Choke Stone Quality

Choke Stone Quality	Maximum Percent Allowed	Test Method
Abrasion	45	AASHTO T 96
C Freeze	15	Office of Materials Test Method No. Iowa 211, Method C