

**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