

Section 4125. Aggregate for Bituminous Sealcoat

4125.01 DESCRIPTION.

Crushed stone, gravel, or sand.

- Must be washed.
- Crushed aggregate is required for primary and interstate roadways and may be specified for other projects.
- Produce crushed gravel as a separate operation by crushing the gravel particles retained on a screen at least 1/4 inch (6 mm) larger than the aggregate size specified.

4125.02 GRADATION.

Meet aggregate gradation requirements for the gradation number specified in Table 4125.02-1. Unless specified otherwise, use the 1/2 inch (12.5 mm) sieve size.

Table 4125.02-1: Aggregate Gradation Requirements (Bituminous Sealcoat)

Size	Gradation No.
1/2 inch (12.5 mm) Crushed Gravel or Stone	19
Screened Gravel	20
3/8 inch (9.5 mm) Crushed Gravel or Stone	21 ^(a)
Sand Cover Aggregate	1 ^(b)
(a) 1/2 inch (12.5 mm) size may be used when 3/8 inch (9.5 mm) size is specified except for Primary Road applications.	
(b) For a crushed stone product allow up to 4% passing the #200 (75 µm) sieve.	

4125.03 QUALITY.

- Free from objectionable clay coatings that prevent emulsions from fully coating the aggregate when determined using [Materials I.M. 349](#).
- Type 4 or better frictional classification as shown in [Materials I.M. T203](#).
- For cover aggregate for bituminous sealcoat, meet the requirements of Table 4125.03-1:

4125.03-1: Aggregate Quality (Bituminous Sealcoat)

Aggregate Quality	Maximum Percent Allowed	Test Method
Abrasion	40	AASHTO T 96
C Freeze	10	Office of Materials Test Method No. Iowa 211, Method C
Shale (+ No. 4 (4.75 mm) sieve)	5.0	Materials I.M. 372
Shale (+ No. 16 (1.18 mm) sieve) (Sand cover aggregate)	2.0	Materials I.M. 344