

1108- AGGREGATES FOR COVER MATERIAL

SECTION 1108

AGGREGATES FOR COVER MATERIAL

1108.1 DESCRIPTION

This specification covers aggregates for cover material to be used for asphalt sealing of the type shown in the Contract Documents for each project.

1108.2 REQUIREMENTS

a. Composition. Provide sand-gravel, lightweight aggregate, crushed limestone, crushed sandstone, crushed or uncrushed gravel for cover material. Use expanded shale as lightweight aggregate.

b. Quality Requirements.

- Soundness, minimum (KTMR-21) 0.90
 - Wear, Maximum (KTMR-25)
 - Sand-gravel, Gravel or Limestone 40%
 - Sandstone 45%
 - Lightweight aggregate 25%
 - Absorption, maximum (KT-6, Procedure I) 4.0%
- (All types except CM-L)

c. Product Control.

(1) Size Requirements. Use various size cover material that comply with **TABLE 1108-1**. Determine the gradation factor according to Part V, Section 17.07

(2) Deleterious Substances. Do not exceed the following deleterious substances by weight:

- Material Passing No.200 Sieve (KT-2)
 - Type CM-G 1.0%
 - Type CM-J 4.0%
 - All other types 2.0%
- Shale or Shale like material (KT-8) 1.5%
- Clay lumps and friable particles (KT-7) 1.5%
- Coal (AASHTO T-113) 0.5%
- Sticks (wet) (KT-35) 0.1%

TABLE 1108-1: GRADATION REQUIREMENTS FOR AGGREGATES FOR COVER MATERIAL

Type	Composition	Percent Retained-Square Mesh Sieves*						Minimum Gradation Factor
		¾"	½"	3/8"	No. 4	No. 8	No. 50	
CM-A	Sand-Gravel		0	0-20	30-100	85-100		
CM-B	Sand-Gravel		0	0-25		35-100	90-100	4.00
CM-C	Crushed Stone	0	0-12	40-100	95-100			
CM-D	Crushed Sandstone	0	0-5	15-35	70-100	95-100		
CM-G	Sand-Gravel, or Crushed Sandstone		0	0-15	45-100	95-100		
CM-H**	Crushed Stone	0	0-5		40-100	90-100		
CM-J**	Sand-Gravel	0	1-20			30-100	90-100	
CM-K	Crushed Limestone	0	0-5	15-35	70-100	95-100		
CM-L	Lightweight Aggregate	0	0-5	0-15	70-100	90-100		

*After removal of all deleterious substances.

**Do not specify Types CM-H and CM-J for Federal Aid projects.

Do not exceed any of the following combinations of deleterious substances as shown above:

1108- AGGREGATES FOR COVER MATERIAL

- Type CM-G dustless2.0%
- CM-J (SG)6.0%
- All other5.0%

d. Stockpiling. Stockpile and handle aggregates in such a manner to prevent detrimental degradation and segregation, the incorporation of appreciable amounts of foreign material, and the intermingling of stockpiled materials.

1108.3 TEST METHODS

Test aggregates according to the applicable provisions of **SECTION 1115.**

1108.4 PREQUALIFICATION

Prequalify aggregate sources according to **subsection 1101.4.**

1108.5 BASIS OF ACCEPTANCE

Aggregates covered by this subsection are accepted based on the procedures described in **subsection 1101.5.**