

840.1 GENERAL REQUIREMENTS

The crushed gravel shall consist of hard, clean, heavy, durable fragments, free of dirt, vegetable, and foreign materials.

840.2 SPECIFIC REQUIREMENTS

A. Crushed Aggregate Stockpiles:

Granular material of which at least 30% of the particles retained on the No. 4 (4.75 mm) sieve shall contain one or more fractured faces.

The crushed gravel when mixed with filler, sand, crushed rock, or crushed stone shall meet the following gradation and quality requirements:

Percentage by Dry Weight Passing Designated Sieves

Sieve Designation	Type 2		Type 1	
	A	B	A	B
¾ inch (16.0 mm)			100	100
½ inch (12.5 mm)	100	100		
? inch (9.50 mm)	70 - 95	70 - 100	70 - 90	70 - 100
No. 4 (4.75 mm)	50 - 80	50 - 85	50 - 72	50 - 80
No. 8 (2.36 mm)	35 - 64	38 - 68	35 - 55	38 - 64
No. 40 (425 m)	12 - 32	15 - 35	14 - 32	14 - 32
No. 200 (75 m)	4.0- 12.0	4.0-15.0	4.0-10.0	4.0-12.0
Plasticity Index (Max.)	6	6	6	6
Liquid Limit (Max.)	25	25	25	25
Abrasion Loss (Max.)	40	40	40	40
Soundness Loss (Max.)	*		*	
Shale Content (Max.)	**		**	

B. Crushed Rock: Crushed rock shall consist of hard durable fragments of particles of rock, free of stripping dirt, vegetation, and other foreign substances.

C. Sand: Sand shall consist of sandy soil or crushed stone screenings. The sand shall be uniform in composition. Seams, layers, or pockets of soil encountered not meeting sand requirements shall be wasted. During production, the sand shall be screened over a screen of a size corresponding to the maximum size of the aggregate. A larger size screen may be permitted or a smaller size required, if necessary, to facilitate production or to remove objectionable material.

D. Sampling and Testing:

- Sampling.....SD 201
- Gradation.....SD 202
- L.L. & P.I.....SD 207

