



3/4" - #4 (19mm-4.75mm) Structural Aggregate
 ASTM C 330 3/4" - #4

Typical Physical Characteristics

1.	Dry loose unit weight	ASTM C 29	46 lbs/ft ³
2.	Bulk specific gravity (SSD)	ASTM C 127	1.50
3.	Absorption <i>(24 hour submerged, from oven dry)</i>	ASTM C 127	6.0%
4.	Resistance to abrasion <i>(% of wear-weight loss)</i>	ASTM C 131	23.0%
5.	Soundness of aggregate <i>(magnesium sulfate)</i>	ASTM C 88	0.01%
6.	Soundness of aggregate <i>(freeze and thaw)</i>	AASHTO T 103	0.22%
7.	Loss of ignition (%)	ASTM C 114	None
8.	Organic materials content	ASTM C 40	None
9.	Popouts	ASTM C 151	None
10.	Clay lumps	ASTM C 142	None
11.	Maximum dry density	ASTM D 698	65 lbs/ft ³
12.	Angle of internal friction		Not less than 40°



1/2" - #4 (12.5mm-4.75mm) Structural Aggregate
 ASTM C 330 1/2" - #4

Typical Physical Characteristics

1.	Dry loose unit weight	ASTM C 29	46 lbs/ft ³
2.	Bulk specific gravity (SSD)	ASTM C 127	1.52
3.	Absorption (<i>24 hour submerged, from oven dry</i>)	ASTM C 127	6.0%
4.	Resistance to abrasion (<i>% of wear-weight loss</i>)	ASTM C 131	26.0%
5.	Soundness of aggregate (<i>magnesium sulfate</i>)	ASTM C 88	0.01%
6.	Soundness of aggregate (<i>freeze and thaw</i>)	AASHTO T 103	0.22%
7.	Loss on ignition (%)	ASTM C 114	None
8.	Organic materials content	ASTM C 40	None
9.	Popouts	ASTM C 151	None
10.	Clay lumps	ASTM C 142	None



3/8" - #8 (9.5mm-2.36mm) Structural Aggregate
 ASTM C 330 3/8" - #8

Typical Physical Characteristics

1.	Dry loose unit weight	ASTM C 29	48 lbs/ft ³
2.	Bulk specific gravity (SSD)	ASTM C 127	1.60
3.	Absorption <i>(24 hour submerged, from oven dry)</i>	ASTM C 127	6.0%
4.	Resistance to abrasion <i>(% of wear-weight loss)</i>	ASTM C 131	26.0%
5.	Soundness of aggregate <i>(magnesium sulfate)</i>	ASTM C 88	0.01%
6.	Soundness of aggregate <i>(freeze and thaw)</i>	AASHTO T 103	0.22%
7.	Loss on ignition (%)	ASTM C 114	None
8.	Organic materials content	ASTM C 40	None
9.	Popouts	ASTM C 151	None
10.	Clay lumps	ASTM C 142	None



Fines - #8 (9.55mm-2.36mm) Structural Aggregate
 ASTM C 330 Fines - #8

Typical Physical Characteristics

1.	Dry loose unit weight	ASTM C 29	48 lbs/ft ³
2.	Bulk specific gravity (SSD)	ASTM C 127	1.60
3.	Absorption	ASTM C 127	6.0%
4.	Resistance to abrasion	ASTM C 131	26.0%
5.	Soundness of aggregate	ASTM C 88	0.01%
6.	Soundness of aggregate	AASHTO T 103	0.22%
7.	Loss on ignition (%)	ASTM C 114	None
8.	Organic materials content	ASTM C 40	None
9.	Popouts	ASTM C 151	None
10.	Clay lumps	ASTM C 142	None