



GCI

CEMENTIR GROUP

concretelydynamic

CEMENTIR HOLDING

GAETANO CACCIATORE LLC

3920 Pendola Point Road

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#89 Limestone

Product description: A selection of carefully graded natural aggregates meeting Florida Department of Transportation specifications. This limestone aggregate is sourced and processed with precision to ensure optimal performance in diverse scenarios. Nominal maximum size 9.5 mm (3/8in)

SIEVE SIZE (mm)	% PASSING (Min)	% PASSING (Typical)	% PASSING (Max)
12.5	100	100	100
9.5	90	95-96	100
4.75	20	45-50	55
2.24	0	18 - 23	30
1.18	0	6	10
0.300	0	1 - 2	5

Main Properties	Performance (Min)	Performance (Typical)	Performance (Max)
Aggregate Nature	Limestone	Limestone	Limestone
Cleanness / Max. % passing 0.063 mm	F0.5	f1	f1.5
Particle shape-Flakiness Index	F15	F18 - F111	F115
Resistance to Fragmentation	LA15	LA21- LA22	LA25
Particle density	2.65 Mg/m ³	2.71- 2.82 Mg/m ³	2.89 Mg/m ³
Water absorption	0.1%	0.4% - 0.6%	1.0%
Alkali-silica reaction	No reactive	No reactive	No reactive
Magnesium sulfate		SM14	SM18
Chloride ion content	0.00%	0.006%	0.01%
Total sulfur content	0.00%	0.02%	0.04%
Acid soluble sulphate	AS0.2	AS0.6	AS0.8
Light organic pollutants	0.0%	0.0%	0.0%
Humic substances (organic pollutants by humic acids)	No	No	No



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Main Properties	American Standard
Cleanness / Max. % passing 0.063 mm	AASHTO T 27 / ASTM C136
Particle shape-Flakiness Index	ASTM D3398
Resistance to Fragmentation	ASTM C131/C131M
Particle density	ASTM C127
Water absorption	ASTM C127
Alkali-silica reaction	ASTM C289
Magnesium sulfate	ASTM C88 / AASHTO T104
Chloride ion content	ASTM C1152
Total sulfur content	ASTM C114