

Material and Application Guide

Mortar Sand – Buno Road



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Material: Natural Sand

Product: Mortar Sand – Commercial (Levy)

Location: American Aggregate, Buno Road Plant

Applications: Fine aggregate for masonry mortar
Joint sand for interlocking paving units

Description: A graded fine aggregate, produced by screening natural sand. A yellow to light brown material formed by the natural abrasion and disintegration of rocks by glacial or riverbed action. The particles are sized from #4 mesh (4.75mm) to #200 mesh (75 μ m).



Mortar Sand – Actual size shown

Specifications: Commercial (Levy)

Mortar Sand conforms to all the requirements of the Edw. C. Levy Co. specifications for Mortar Sand. Additionally, laboratory testing has shown that this product conforms to The American Society for Testing and Materials (ASTM) C 144 "Standard Specification for Aggregate for Masonry Mortar", section 4.4 performance requirements.

Gradation:

U.S. Sieve	#4	#8	#16	#30	#50	#100	#200
Metric Sieve	4.75mm	2.36mm	1.18mm	600 μ m	300 μ m	150 μ m	75 μ m
Specification	100	95-99	85-95	65-82	30-45	5-12	1-3
2008 Average	100	98	90	76	40	7	2

Physical Properties:

- Fineness Modulus, F.M. (2008 Average) – 1.88

General Usage Guide:

The Mortar Sand should be blended into the mortar mixture along with the cement, water and any special additives or admixtures in the proportions detailed in the mix design.