



Technical Data Sheet

Pana-Cal Flour

Product Description: Fine calcium carbonate limestone powder with about 59% passing a 100-mesh screen, this product has multiple uses. Limestone flour is used as an additive for asphalt applications and concrete products, as well as a calcium mineral supplement for animal feed products. Limestone flour reduces the cost and increases the durability of asphalt shingles and asphalt road mixes by displacing expensive asphalt with lower-cost calcium carbonate. In concrete applications, limestone flour increases the strength and improves the workability of concrete by acting as a high-quality paste extender. This displaces the higher cost of cement, and increases the total aggregate content of the concrete mix. The use of calcium carbonate in concrete reduces greenhouse gas production by reducing cement requirements.

Chemical Composition:

Calcium Carbonate	Ca (CO) ₃	91.96%
Iron Oxide	Fe ₂ O ₃	00.39%
Moisture (% weight loss at 110°C)		0.36%

Sieve Analysis:

Sieve Series	% Retained	% Retained Cumulative
16	0	0
100	41.8	41.8
140	29.4	71.2
200	17.6	88.8
325	8.9	97.7
Pan	2.3	100

Available Packaging:

Bulk, super sack, or 50 lb. sacks FOB Oxnard, CA. DMI can also provide on-site storage

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