

GAIL MATERIALS

10060 Dawson Canyon Road, Corona, CA 92883
(951) 667-6106 • Fax (951) 667-6102

Gail Lightweight - 85

Our lightweight soils are designed to meet the strict weight requirements of greenroof projects while providing an excellent growing medium for a broad range of plants

Bulk Densities (ASTM E2399*)

Saturated Bulk Density: ≤ 85 lbs. per cu. ft.

Dry Bulk Density: ≤ 65 lbs. per cu. ft.

Soil / Water Relationship

Maximum Water Retention: Approximately 30-45% by volume

Air-Filled Porosity at Saturation: $\geq 7\%$ by volume

Total Porosity: Approximately 50-60% by volume

Water Permeability: ≥ 5 inches per hour

Other Physical Characteristics

Combined Silt and Clay (fines): $\leq 20\%$ by mass

Organic Content: 6-12%

*ASTM E2399 - Standard Test Method For Maximum Media Density

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Gail Lightweight - 95

Our lightweight soils are designed to meet the strict weight requirements of greenroof projects while providing an excellent growing medium for a broad range of plants

Bulk Densities (ASTM E2399*)

Saturated Bulk Density: ≤ 95 lbs. per cu. ft.

Dry Bulk Density: ≤ 70 lbs. per cu. ft.

Soil / Water Relationship

Maximum Water Retention: Approximately 30-45% by volume

Air-Filled Porosity at Saturation: $\geq 7\%$ by volume

Total Porosity: Approximately 50% by volume

Water Permeability: ≥ 3 inches per hour

Other Physical Characteristics

Combined Silt and Clay (fines): $\leq 20\%$ by mass

Organic Content: 6-12%

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