

Technical Data Sheet – Basalt 3-D Mesh

Basalt 3-D Mesh is a specialty product for reinforcing portland-cement based concretes and mortars. It allows superior levels of tensile reinforcement in an easy-to-install form. Consisting of two layers of mesh connected by vertical pillars the result is a reinforcement that creates two layers of reinforcement while maintaining precise spacing between the layers.

Currently we offer a nominal 3/8" mesh by 1/4" thick option. This material will accept up to a coarse sand; and is excellent in reinforcing self-leveling underlayments. And a 7/16" mesh by 1/2" thick option. This material will accept up to a 3/8" (pea gravel); excellent for extended polishable mortars and decorative permeable small aggregates.

	Unit	Value
Window size (approximate)	inches	0.354
Spacing between layers	inches	0.236
Area Weight	oz/sq. yard	18
Weight of resin coating	ozs./sq. yard	1.475
Panel size	inches	23.6 x 47.2
Panel area	sq. yards	0.86
Panel weight	oz.	16.8
Breaking strength--warp	lbs. force	≥ 21,582
Breaking strength--weft	lbs. force	≥ 10,780
Area Weight	ozs./sq. yard	17.4
Elongation at break—warp and weft	percentage	≤ 0.4

