

MegaLite®



FEATURES/PERFORMANCE

Question: What makes MegaLite lightweight?

Answer: We have replaced the silica sand typically found in mortars with an expanded glass alternative. The expanded glass has exceptional strength and improves the workability of the product.

Question: How does MegaLite qualify for LEED?

Answer: With manufacturing facilities across the nation, your project will most likely be within 500 miles of one of our manufacturing plants. Cement based mortars do not contain solvents and are considered to have zero emissions. The expanded glass is a recycled material obtained from post-consumer recycled glass containers. Using MegaLite in your tile installation can contribute towards achieving LEED in three areas.

Question: How does MegaLite contribute to environmental responsibility?

Answer: MegaLite is part of CUSTOM's Emerald System™ and meets the requirements established by all North American environmental agencies. Also, to help offset the greenhouse gases released during the manufacturing of the Portland cement used in the product, CUSTOM purchases carbon offset credits that reduce environmental impact.

INSTALLATION/STANDARDS

Question: Can I install large format tile with MegaLite?

Answer: Yes, MegaLite meets the requirements of both ANSI and TCNA for installing large format tile, which is defined as those with one edge greater than 15" long. MegaLite may be used with thicknesses from 3/32" to 3/4" to help achieve 95% coverage with even the largest tiles in use today.

Question: Can MegaLite be used for exterior installations?

Answer: Yes, MegaLite will hold up to the rigors of fluctuating wet and dry conditions, temperature changes and freeze/thaw cycles. A high polymer content helps to compensate for these changes in the environment.

Question: Does MegaLite replace the need for crack isolation membranes?

Answer: MegaLite can be used to install tiles directly to concrete slabs that have hairline cracks up to 1/8" wide. For maximum protection, and for use on concrete floors above ground level, CUSTOM recommends the use of one of our crack isolation membranes.

Question: Can MegaLite be used to install resin-backed, fiber-reinforced stone and tile?

Answer: MegaLite has very high polymer content and in some instances it can be used to install resin-backed tile and stone. This must be verified by CUSTOM's application lab before the tile is installed. Contact the CUSTOM Technical Services department for details.



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Question: Can MegaLite be used to install very thin (3 mm), extremely large (5'x10') porcelain panels?

Answer: Yes, because of MegaLite's excellent non-sag properties, it can easily support the size and weight of the large panels. Its extended open time helps in properly placing both mortar and tile to achieve the necessary full coverage. MegaLite can be used with many of the resin-backed panels, but check with the manufacturer before installation.

Question: What standards does MegaLite meet?

Answer: MegaLite exceeds the requirements of ANSI A118.15, with one of the highest bond strengths to porcelain tile in the industry. It also meets the need for extended set (E) and non-sag (T) on walls. MegaLite is also available in a rapid setting formula that meets the ANSI requirements for fast setting mortars (F).

Question: Are there any environmental limitations where MegaLite can be used?

Answer: MegaLite is suitable for installing ceramic tile in all of the residential and commercial situations (1-6) described in the TCNA Handbook and can be used with most installation details.



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