

## RECOMMENDATIONS FOR INSTALLING WAUSAU® TERRAZZO TILES

Wausau Pre-Cast Terrazzo tiles are specified in demanding flooring applications such as exterior decks, airports, malls, and educational centers. They consist of marble, quartz, granite or glass aggregate mixed with a high strength, cementitious binder. Wausau Pre-Cast Terrazzo is cured and then ground and/or polished to a smooth surface or textured if desired. Wausau Pre-Cast Terrazzo is manufactured in various sizes and thicknesses. Resin based stair treads and tiles are also available.

Wausau Pre-Cast Terrazzo tiles are to be installed using the latest guidelines of the Tile Council of North America (TCNA) and the manufacturer's directions. Expansion joints are a critical aspect of the assembly and must be placed to accommodate the project. See the TCNA Movement Joint Section and EJ171 Details for further recommendations.

**CUSTOM offers the following suggestions for installation materials based upon TCNA detailed installation methods. Contact CUSTOM Technical Services for assistance with additional applications and methods.**

Many installations will benefit from floor surface preparation and/or the addition of waterproofing or crack-isolation membranes. The subfloor must be brought into acceptable tolerance for tile installation. TCNA and CUSTOM recommend that maximum allowable variance in the subfloor be no more than 1/8" in 10' and no more than 1/16" in 2'.

CUSTOM products recommended to help prepare the floor and install Wausau Terrazzo tile:

### Surface Preparation (As Needed):

[TechPrime™ A Acrylic Primer](#) – high performance primer for self-leveling underlayment

[TechLevel™ 150 Self-Leveling Underlayment](#)

- high strength floor leveling

[LevelLite® Self-Leveling Underlayment](#) - to reduce construction floor weight; eligible for LEED credits

[Silk™ Patching & Finishing Compound](#) – high strength floor patching

### Membrane Options:

[RedGard® Crack Prevention and Waterproofing Membrane](#) – Waterproofs and protects against non-structural cracks up to 1/8"

### Adhesive Recommendations:

[EBMLite™ Epoxy Bonding Mortar](#) – for resin-based terrazzo stair treads and tiles

[MegaLite® Crack Prevention Mortar](#) - maximum strength LHT mortar

[ProLite® Tile & Stone Mortar](#) – High performance LHT mortar

Pre-cast cement terrazzo tiles have a tendency to be moisture sensitive when installed over an impervious crack isolation or waterproofing membrane, therefore, for these installations a rapid-setting mortar is required. CUSTOM® warrants the use of:

[MegaLite® Rapid Setting Crack Prevention Mortar](#) - required over membranes

[ProLite® Rapid Setting Tile & Stone Mortar](#) - required over membranes

### Grout/Sealant Recommendations:

[Prism® Ultimate Performance® Grout](#) – highest performance, color consistent & fast setting without mottling or shading or efflorescence

[Polyblend®Plus Sanded Grout](#) – high performance sanded grout

[Polyblend®Plus Non-Sanded Grout](#) – for joints 1/16' - 1/18"

[CUSTOM® Commercial 100% Silicone Sealant](#) -color-matched ASTM C920 NS sealant

CUSTOM Building Products offers up to a lifetime limited warranty on tile installation systems using qualifying products. Visit [custombuildingproducts.com](http://custombuildingproducts.com) for additional standard warranty terms and conditions, limitations and requirements. Contact our Technical Services department for more information on the installation of Wausau Pre-Cast Terrazzo tiles.



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