

RECOMMENDATIONS FOR INSTALLING WAUSAU® TERRAZZO TILES

Wausau Pre-Cast Terrazzo tiles are used in floor applications. 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 available in 12" x 12"; 16" x 16", 18" x 18", 24" x 24" and 12" x 24" dimensions.

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 TCNA Detail EJ171 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):

LevelLite® Self-Leveling Underlayment - to reduce construction floor weight; eligible for LEED credits

LevelQuik® RS Rapid Setting Self-Leveling Underlayment - high strength floor leveling

Skim Coat & Patch Cement Underlayment - general floor patching

Membrane Options:

RedGard® Waterproofing and Crack Prevention Membrane – protects against cracks up to 1/8"

Crack Buster® Pro Crack Prevention Mat Underlayment – anti-fracture membrane for horizontal cracks to 3/8"

Mortar Recommendations:

MegaLite® Ultimate Crack Prevention Large Format Tile Mortar - maximum strength medium bed mortar

ProLite® Premium Large Format Tile Mortar - non-slump formula supports tile on floors

We have found that Wausau Pre-cast Terrazzo tiles are moisture sensitive. When these tiles are installed over an impervious membrane, such as RedGard or Crack Buster Pro, the moisture in a traditional mortar can warp the tiles.

In these installations we recommend a rapid-setting mortar:

MegaLite® Ultimate Rapid Setting Large Format Crack Prevention Mortar - required over membranes

ProLite® Premium Rapid Setting Large Format Tile Mortar - required over membranes

Grout Recommendations:

Prism® Color Consistent Grout – cures quickly without mottling or shading ree

Polyblend® Sanded Grout or Non-Sanded Grout

CUSTOM Building Products offers up to a lifetime limited warranty on tile installation systems using qualifying products. Visit www.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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Technical Bulletin

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