

7/16" WONDERBOARD® LITE RATED FOR USE ON PLYWOOD SUBFLOORS WITH 24" (61 CM) O.C. JOISTS

7/16" (11 mm) WonderBoard® Lite Backerboard has been rated by the Tile Council of America (TCA) for use as part of a ceramic tile installation system for plywood subfloors with 24" (61 cm) o.c. joists. With proper installation of the flooring system, the use of WonderBoard® can achieve an "extra heavy" rating for extra heavy and high impact use in food plants, dairies, breweries and kitchens.

Custom® Building Products recommends this system as an alternative to TCA installation methods F149 EGP (double layer of plywood) and F147 (uncoupling system) cited in the TCA Handbook. The double layer of plywood method requires two layers of 23/32" (18.2 mm) Exterior Grade Plywood. The uncoupling system consists of installing a 3/8" (9.5 mm) minimum layer of plywood over the 23/32" (18.2 mm) plywood subfloor and installation of an uncoupling system.

The installation system consists of one layer of 7/16" (11 mm) WonderBoard® Lite installed over the 23/32" (18.2 mm) plywood subfloor. WonderBoard® Lite is installed per manufacturer's instructions using any CUSTOM® ANSI A118.11 mortar as the leveling bed. This system provides a more stable substrate on which to set tile than the double layer of plywood method, and is less expensive and labor-intensive than the uncoupling system.

Any CUSTOM® polymer-modified ANSI A118.4 or A118.11 mortar, such as VersaBond Flex® Fortified Thin-Set Mortar, is recommended as the setting material for this system.

Please contact CUSTOM® Technical Services or an architectural representative for specifics on achieving an "extra heavy" rating and further information.

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Technical Bulletin

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