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# 1/2" WONDERBOARD® RATED FOR USE ON PLYWOOD SUBFLOORS WITH 24" (61 CM) O.C. JOISTS

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1/2" (13 mm) WonderBoard® Concrete 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 is recommending 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) min. layer of plywood over the 23/32" (18.2 mm) plywood subfloor and installation of an uncoupling system such as Schluter® Systems' DITRA.

The installation system consists of one layer of 1/2" (13 mm) WonderBoard installed over the 23/32" (18.2 mm) plywood subfloor. WonderBoard is installed in the usual way 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: MasterBlend™ Standard Thin-Set Mortar mixed with Acrylic Mortar Admix or FlexBond® Fortified Thin-Set Mortar, is recommended as the setting material for this system.

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



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