

---

# LEVELQUIK® SELF-LEVELING UNDERLAYMENT RATED FOR USE ON PLYWOOD SUBFLOORS WITH 24" (61 CM) O.C. JOISTS

---

LevelQuik® RS Rapid Setting Self-Leveling Underlayment 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" o.c. joists. With proper installation of the flooring system, the use of LevelQuik RS can achieve an "Extra Heavy" rating for extra heavy and high impact use in food plants, dairies, breweries and kitchens.

Custom® is recommending LevelQuik® RS, as well as LevelQuik® DP Deep Pour and LevelQuik® ES Extended Setting as an alternative to TCA installation methods F149-02 EGP (double layer of plywood) and F147-02 (uncoupling system) cited in their 2002 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 a LevelQuik® Self-Leveling Underlayment installed at 1/2" (13 mm) thick over the 23/32" (18.2 mm) plywood subfloor with metal lath installed. The metal lath must be a minimum of 2.5 lbs./sq. yd. (1.13 kg/.83m<sup>2</sup>). 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 mortar such as MasterBlend™ Standard Thin-Set Mortar mixed with Acrylic Mortar Admix or VersaBond® 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.



**CUSTOM®**  
BUILDING PRODUCTS

Seal Beach, CA 90740

Technical Services (800) 272-8786

[www.custombuildingproducts.com](http://www.custombuildingproducts.com)

Manufacturing facilities nationwide.

The information in this bulletin is presented in good faith, but no warranty, express or implied, is given nor is freedom from any patent in as much as any assistance furnished by Custom with reference to the safe use and disposal of its products provided without charge. Custom Building Products assumes no obligation or liability therefore, except to the extent that any such assistance shall be given in good faith.