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## TECHNICAL BULLETIN

*Subject:* TRU™ Self Leveling applied in high-load traffic areas.

TRU™ Self Leveling is designed to be an all purpose topping, resurfacer and underlayment. Due to its very high compressive strength and bond strength, it is acceptable to be used in industrial applications where forklift traffic or other rubber-wheeled heavy traffic is present. The result of highly localized imposed loads, such as steel or hard-plastic wheeled traffic, or pallets with protruding nails, may cause abrasion or indentations to the flooring surfaces. To maintain the pristine finish of your polished or decorative floor, it is best practice to avoid steel or hard-plastic wheeled traffic.

<b>Compressive Str. (ASTM C109)</b> 4 hours 3000 psi 24 hours 5000 psi 28 days 6500 psi
<b>Slant Shear Bond Str. (ASTM C882)</b> 7 days 2100 psi 28 days 2900 psi
<b>Flexural Strength (ASTM C348)</b> 24 hours 850 psi 28 days 1900 psi

When applying TRU™ in high-load traffic areas it is very important that the substrate is prepared by shot blasting to an ICRI surface profile of 3-4. The substrate should be primed with Rapid Set TXP Epoxy Primer and sand broadcast. Follow manufacturer recommendations for mixing and placing the epoxy. Immediately after application, broadcast a clean, dry silica sand ranging from #20 - #30 to rejection (50-75 lb/100ft<sup>2</sup>) into the epoxy. Remove all loose sand after a curing period of 12-24 hours. TRU Self Leveling can be applied directly over well bonded sand at this time. No further priming is necessary.

In high-load traffic areas, TRU™ must be applied at a minimum thickness of 1/2". The material must be allowed to cure for a minimum of 48 hours prior to opening for high-load traffic. For polished floors, a densifier must be applied to improve surface hardness. Follow all manufacturer recommendations.

TRU™ Technical Bulletin 02/21/12. For updated information please visit [www.rapidset.com](http://www.rapidset.com) or contact your technical representative at 800-929-3030.