



**wedi<sup>®</sup> corp.**

*wedi TECH TIP September 2006*

## **Tile & Grout Requirements**

Dear valued wedi Customer,

We are proud to introduce the brand new wedi Tech Tip to you. This monthly medium will be sent to you to update and keep you informed about wedi specific techniques and questions. Any recommendations or special inquiries for special technical issues we can discuss in the Tech Tip are welcome at anytime. Please read and keep the first edition about tile size and thickness and tilegrout requirements on wedi applications in your wedi binder. Thank you and enjoy a great remaining summer,

Yours,

Bastian Lohmann  
wedi corporation  
Technical Sales Manager

### **Tile Size, Thickness and Tilegrout Requirements in wedi installations**

#### **wedi Building Panel on interior**

- 1. Walls:** No limit in tile size, thickness or grout, weight applied must not exceed 23 psf.
- 2. Ceilings:** No size & thickness requirements, but weight must not exceed 15 psf
- 3. Floors:** On concrete and wood substrates (subfloor properties must meet IBC & IRC Standards) the tile format must be 8 x 8 inches or larger and the tile thickness 3/8 of an inch when regular cementitious based grout is used. For smaller tile formats such as mosaics on a regular floor application, please contact wedi Tech Dpt.  
Did you know that wedi has successfully passed the Robinson Floor Test made at the TCNA including 1/4" wedi Building Panel on 5/8" Plywood subfloor 16" o.c.? After all necessary cycles of the weight apparatus, no crack had shown up in the epoxy grout joints or in the 12 x 12 Inch porcelain tiles. With this structure, wedi achieved the rating of "Heavy Duty Commercial Use" and can be used in food plants or breweries under heavy floor traffic environment.

#### **wedi Fundo Shower Pan**

Use any tiles > 1 x 1 Inch with standard cementitious grout compound. All tiles < 1 x 1 Inch must be set in epoxy grout mortar or highly polymer modified cementitious grout which offers the same shear strength and bonding properties to the tile than solid epoxy. For all commercial applications such as hospitals, please ask the wedi Tech Dpt for the appropriate grout composition and tile formats meeting the requirements in these special applications.