

### GREEN TECHNOLOGY = QUICK TURNAROUND ON PROJECTS

**W**hen you need to turn a project around quickly, considering products that adhere to “green” concrete can help save significant time, and if they don’t require a primer, it’s an added bonus. Instead of waiting 21 to 28 days after concrete is poured to apply a fluid-applied membrane, the wait time can be reduced by 50 to 60 percent. Due to the unique chemistry of TREMproof®250GC Cold Fluid-Applied Waterproofing Membrane and Vulkem®45SSL Semi Self-Levelling Joint Sealant, they will exhibit superior adhesion to “green” concrete without the use of a primer, saving applicators a costly step and allowing quicker turnaround.

The curing process is the key to these two products’ adhesion. Most polyurethanes cure by a direct isocyanate to moisture reaction. This type of curing releases carbon dioxide as a byproduct. This is one of the reasons why you will see blisters when urethane sealants and membranes are placed on damp on “green” concrete. TREMproof®250GC and Vulkem 45SSL also cure through a reaction with atmospheric moisture, but in such a way that eliminates bubbling and blistering caused by the carbon dioxide generation. When other urethane products cure, this carbon dioxide gas will form pockets. Some of these pockets will be located at the membrane and substrate interface, causing voids in the adhesion to the substrate where water can enter and migrate.



It doesn’t need to be such a struggle to meet critical deadlines. Fast-track jobs can be achieved without compromising performance when the proper products are selected. For more information on TREMproof®250GC or Vulkem 45SSL, consult your local Tremco Representative on 02 9638 2755 or visit our website on [www.tremco.com.au](http://www.tremco.com.au)

