



2/3/11

Mapei Technical Notes for Decorative Concrete Supply

There are several products that need clarification on installation techniques. These are products that have performed well in the past, but through a couple of difficult installations, we've learned what works best 100% of the time. Here are the products with the updates that need to be shared with the installer.

Ultraplan M20+: (Problem – pinholes, streaks)

- The priming method as per the data sheet calls for 2 coats of Primer L with a 3:1 water to primer ratio. The proper installation technique should be explained to only install the first coat at that ratio.
- A second coat should then be installed at 2:1 water to primer ratio.
- Then, a third 2:1 ration coat should be installed.
- The amount of water used in mixing M20 is critical. Overwatering will result in numerous white streaks. Be sure to inform the customer not to overwater.

Concrete Renew:

- The data sheet says to SSD (Saturate Surface Dry) the substrate the day before an installation only if you feel that the concrete needs it. That is incorrect!
- The proper technique is always to SSD the substrate before the installation.
- To properly SSD, you must completely cover the concrete substrate with water. Then, allow the water to soak in.
- Second, go back over it again with water repeating the previous bullet point.
- Do one more SSD just prior to installation.
- Don't install Renew until the standing water has soaked in. The concrete will look like dark concrete at this point.
- This technique isn't optional if you want premium results.
- Another method is to prime the substrate first with Primer L diluted at a 3:1 ratio and allowed to dry adequately (1-3 hours) prior to installing Renew.
- A third method is to add Planicrete UA in with the mix water at a 4:1 ratio of water to UA.
- All of these steps help to keep the mix water from being sucked out of the product and help to create a more durable, stain ready substrate.
- Be sure to avoid selling Renew or Renew Fine for interior use due to the need for SSD. Instead, sell Mapecem Quickpatch as a fine skim coat overlay.

If you have any questions on any of these new techniques, please don't hesitate to contact me for clarification. Thanks again.

Sean Leich
CRS - Texas