

## Multiple Pours of MAPEI Self-Leveling Underlayments

The following is a guide to proper application of MAPEI self-leveling underlayments to level a floor in multiple pours. These products can be applied in either batch pours or with an approved pump over properly prepared substrates in up to 3 layers. Please refer to MAPEI's Technical Literature for specific surface preparation details.

The first step in leveling is to survey the floor to determine how much leveling will be required. The high and low spots should be noted on a plan or marked on the floor for reference during the pour because you will pour the low areas first.

### MAPEI recommends:

1. To dam all areas not to be leveled and seal all penetrations.
2. The leveling coat should not bridge expansion or control joints.
3. Note that some installers like to use cut nails, tapcons, screws or dowel pins adhered to or driven into the slab to gauge the depth of the pour.
4. Damp mop to remove surface dust. Allow to dry and then apply primer.
5. The next step is the pouring of the material. Please refer to the instructions on the bag for proper amounts of water and mixing procedure because these are critical to the success of the pour. Do not pour a MAPEI self-leveling underlayment beyond its maximum thickness.
6. Allow the first layer of self-leveling to cure for a minimum of 3 hours and a maximum of 8 hours (assuming a job temperature of 70°F [21°C]) before pouring the next layer. Note, for enhanced performance, lightly groove the surface of the self-leveling underlayment before initial set with a garden rake, stiff bristle broom or "V" notched trowel.
7. The following layers of self-leveling material should be mixed and applied like the first: damp mopping, priming, then pouring into the low spots first to the desired thickness.

This process can be used to pour MAPEI self-leveling underlayment in up to 3 layers maximum. If leveling beyond two (2) layers, MAPEI recommends considering other options such as *Mapecem™ Premix*, *Planicem™ 53* or a *Mapecem/Sand* mortar bed.

Do you need more information?  
Contact Technical Services at 1-800-992-6273  
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