



Self-Leveling Underlayment Guidelines Technical Bulletin

Category: Floor Self-Leveller Treatment: Underlay SLU
Keywords: Surface Prep, Underlayment, Self-leveling

SEE THE MERKRETE UNDERLAY SLU TECHNICAL DATA SHEET FOR SURFACE PREPARATION AND SLU PRIMER INSTRUCTIONS.

The following are guidelines are for WALL TO WALL (full area) application of Merkrete Underlay SLU.

- ◆ The application area shall be protected and have no other trade traffic on the surface once the surface-leveling process has begun and until the entire application is complete and cured.
- ◆ After industry standard recommendations have been followed for MVER testing (Moisture Vapor Emission Rate) and proper mechanical surface preparation; Remove all dust and contaminants.
- ◆ Apply SLU Primer per instructions prior to SLU installation.
- ◆ Large area applications should be planned in manageable area sections in order to bring a wet edge of material across the entire area. In the case of very large areas use control cuts and foam tape to divide the application. Note: For wall to wall applications you will need at least a 2 bag mix set-up for each barrel mix.
- ◆ Bags should be acclimated to the site overnight especially after being transported to the job in warm conditions.
- ◆ Water cooling is recommended. Water measurement must be consistent and to the recommended amount listed in the manufacturer's technical data sheet.
- ◆ Isolating the perimeter is recommended with foam tape or caulking, dissimilar junctures such as aluminum should have a bond breaker.
- ◆ Detail stress cracks and control cuts per manufacturer recommendations. Honor all existing expansion joints.
- ◆ Mix per manufacturer's instructions. Do not allow excess or setting material to accumulate in the barrel sides or bottom.
- ◆ If barrel mixing; two barrels in circulation are recommended as a minimum to keep material being supplied to the wet edge being brought across the area. Otherwise utilize a pump delivery.
- ◆ Project will require enough personnel to maintain constant mixing in the mixing area, personnel adequate to keep a barrel at the application wet edge being poured at all times while the next barrel is being mixed simultaneously in the mixing area, a minimum of one man to gauge rake, a minimum of one man to smooth or pin-roll.
- ◆ Wearing of construction "Spike" shoes are required during gaging and smoothing. They also help release air bubbles.
- ◆ "Gauge rake" to the desired thickness. Remember to replace gauge rake cams as they wear; check every 1,000 ft². Immediately after gauge rake placement the material must be smoothed with a smoothing tool or pin rolled, this breaks the surface tension of the SLU and allows for optimum flow.
- ◆ Preparation is the key before starting: Keeping a wet edge that is not interrupted between pours will help provide a successful installation.

If you have any questions or require additional information, please feel free to contact the Parex USA Technical Department at (800)226-2424.

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