Mapeguard® UM had been originally recommended for use under tile/stone installations, serving as an uncoupling, crack-isolation, waterproofing and vapor management membrane. And now Mapeguard UM can be used as a substrate for self-leveling underlayments, in residential construction.

In addition to tile and stone, the following finished floor coverings are now approved for use over properly installed Mapeguard UM (after self-leveling): Engineered wood, solid wood, sheet vinyl, luxury vinyl tiles, luxury vinyl planks and laminate flooring.

Benefits of using Mapeguard UM for moisture vapor management versus traditional installation methods include:

- Less installation cost per square foot (meter)
- No expensive epoxy moisture reduction barrier required
- Dust-free installation, provided that no other prep work is needed before application
- No slab shotblasting required for bonding between the substrate and membrane
- No primer needed before pouring MAPEI's self-leveler
- Less hassle

The suggested installation method for wood and vinyl flooring is as follows:

1. Adhere Mapeguard UM to the concrete substrate with Ultraflex™ RS or Ultraflex LFT Rapid mortar.
2. For moisture-sensitive flooring, waterproof the seams using Mapeguard ST or Mapeguard WP ST seam tape with the same rapid-setting mortar.
3. Run the seam tape at least 2" (5 cm) up the walls to protect moisture-sensitive flooring.
4. Allow at least 24 hours for the mortar to cure.
5. Pour any MAPEI self-leveler at a minimum 3/8" (10 mm) thickness (above the highest point of the Mapeguard UM membrane) and allow it to cure before proceeding with the installation of the floor covering.

Please contact MAPEI if you have additional questions regarding our products.