

Product Selection Guide

Primers for Self-Leveling Materials

When choosing the best primer for a variety of substrates, it is important to consider the substrate as well as the following installation dynamics:

■ **What will be the final use for the floor in question?**

Stresses on the bond line vary significantly from a warehouse floor to an residential floor. Warehouse floors or floors that experience significant dynamic loading should include a greater substrate profile and stronger primer selection, such as *Planibond EBA*.

■ **Will this be an installation of an underlayment or a topping?**

Toppings typically require a stronger primer selection, because they usually experience greater impact and stress than an underlayment. The primer for toppings is typically *Primer L* or *Planibond EBA* (via sand broadcast).




■ **Which is preferred: a reduced-surface-preparation or traditional self-leveling underlayment?**

Reduced-surface-preparation applications are suitable in some circumstances (refer to Technical Data Sheets for *Novoplan Easy* and *Ultraplan Easy* regarding suitable substrates and circumstances). In these cases, typical primer choices would be *Primer L* over suitably prepared absorbent concrete substrate, or *Primer WE* over nonabsorbent substrate and adhesive residue.

Use the following chart as a guideline for your primer selection.



SUBSTRATES

	 Primer L™ High-performance acrylic primer for porous concrete	 Primer WE™ Water-based epoxy primer	 Planibond® EBA Epoxy primer and bonding agent
Absorbent concrete	Yes	No	Yes
Nonabsorbent concrete	No	Yes	Yes
Exterior-grade plywood	No	Yes	No
Ceramic	No	Yes	Yes
VCT	No	Yes	Yes
Terrazzo	No	No	Yes
Steel	No	No	Yes
Use with <i>Planiseal™ MRB</i> moisture-reduction barrier	No	Yes	Yes
Estimated coverage	600 to 800 sq. ft. per U.S. gal. (55,7 to 74,3 m ² per 3,79 L) (per application; many substrates require multiple applications)	200 to 400 sq. ft. per U.S. gal. (18,6 to 37,2 m ² per 3,79 L)	Smooth: 100 sq. ft. per U.S. gal. (9,29 m ² per 3,79 L)
Cure time (73°F [23°C])	3 hours	> 2 hours	See Technical Data Sheet
Window to install self-leveling materials	3 to 18 hours	2 to 12 hours	See Technical Data Sheet

While the primers listed are suitable on the substrates indicated, many variables impact final performance. Review the specific primers' Technical Data Sheets for specific instructions. On large projects, consult with a MAPEI technical consultant to ensure that the best primer is selected for your application.

* For all projects where *Ultraplan® M20 Plus* or *Ultratop®* is used, use *Primer L* or apply *Planibond EBA* with the sand broadcast method. In unique cases, *Primer WE* may be appropriate.



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