

Primers for Self-Leveling Materials

Product Selection Guide



REFERENCE GUIDE RGC0609

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

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 *Primer E*.





This primer selection chart is specifically for MAPEI self-leveling underlayments. For questions regarding primer selection for MAPEI self-leveling toppings such as *Ultratop*[®], please contact MAPEI's Technical Services Department.

		ECO Prim Grip™ Multipurpose, bond-promoting primer	Primer E™ High-performance 100%-solids epoxy primer	Primer L™ High-performance acrylic primer for porous concrete	Primer T™ All-purpose primer for self-leveling underlayments	Primer WE™ Water-based epoxy primer
SUBSTRATES	Rough/absorbent concrete	Yes	Yes	Yes	Yes	
	Smooth/nonabsorbent concrete	Yes	Yes		Yes	Yes
	Exterior-grade plywood	Yes			Yes	Yes
	Chemically abated concrete	* See note below	* See note below		* See note below	* See note below
	Oriented strand board (OSB)				Yes	
	Cement backer units (CBUs)				Yes	
	Cement mortar beds and screeds			Yes		
	Gypsum-based underlayments	Yes		Yes	Yes	
	Ceramic tile	Yes	Yes		Yes	Yes
	Quarry tile	Yes	Yes		Yes	Yes
	Porcelain tile	Yes	Yes		Yes	Yes
	Stone tile	Yes	Yes		Yes	Yes
	Vinyl composition tile (VCT)	Yes	Yes		Yes	Yes
	Cement terrazzo	Yes	Yes		Yes	Yes
	Epoxy terrazzo	Yes	Yes		Yes	Yes
	Epoxy poured floors	Yes	Yes		Yes	
	Copper		Yes			
	Lead		Yes			
	Steel		Yes			
	Epoxy moisture barriers such as <i>Planiprep™ ET</i> , <i>Planiseal EMB</i> , <i>Planiseal VS</i> and <i>Planiseal VS Fast</i>	Yes	Yes		Yes	Yes
	Carpet adhesive residue	Yes			Yes	
	Cutback adhesive residue	Yes			Yes	Yes
	Urethane adhesive residue	Yes			Yes	
Double pours of MAPEI self-leveling underlayments (priming between layers)	Yes	Yes	Yes	Yes	Yes	
Window to install self-leveling materials **	2 to 24 hours	3 to 24 hours	3 to 18 hours	2 to 24 hours	2 to 24 hours	

* Chemically abated concrete requires the use of Planiprep SA and Planiprep ET followed by a primer that is approved for epoxy moisture barriers.

** Drying times are based on an ambient temperature of 73°F (23°C).

Refer to MAPEI's Surface Preparation Guide for Self-Leveling Underlayments (RGF0214) for additional guidance.

Refer to products' current Technical Data Sheets for details.



PR: 5790 MKT: 14-0197
© 2014 MAPEI Corporation.
All Rights Reserved. Printed in the USA.

MAPEI Headquarters of the Americas
1144 East Newport Center Drive
Deerfield Beach, Florida 33442
Phone: 1-888-US-MAPEI
(1-888-876-2734)

Technical Services
1-800-992-6273 (U.S. and Puerto Rico)
1-800-361-9309 (Canada)

Customer Service
1-800-42-MAPEI (1-800-426-2734)

Services in Mexico
0-1-800-MX-MAPEI (0-1-800-696-2734)

Document Number: RGC0609
Edition Date: April 29, 2014