

## 7. MORTAR AND GROUT SELECTION GUIDE

### 7.1 Manufacturer's Product Information

Manufacturer	Surface Preparation	Mortar Systems Floors and Walls	Grout Systems Floors and Walls	Caulks-Sealants
Mapei 800-992-6273	ECO Prime Grip (tile over tile), Ultraplan M-20 Plus, Primer T, Mapecem Quickpatch	Granirapid, Kerabond/Keral- astic UltraFlex LFT & LFT Rapid, Ultralite & UltraFlex RS	Ultracolor Plus, Kerapoxy	Mapei 100% Silicone
Laticrete 800-243-4788 x235	Laticrete 3701, Laticrete NXT Plus and NXT Primer	Laticrete 254 Platinum and 254R Laticrete 4-XL and 4XLT Rapid	Laticrete PermaColor Grout Laticrete Spectralock Pro	Latisil 100% Silicone
TEC 800-832-9023	TEC 560 Multipurpose Primer, Tec Smooth Start Self Leveler, Tec Perfect Finish (Skim Coat), Tec Versa Patch	TEC 3N1 Mortar or Ultimate Large Tile Mortar	Power Grout AccuColor EFX Epoxy Grout	Accucolor 100% Silicone
Custom 800-272-8786	Skim Coat & Patch Underlayment, Levellite Self Leveling, Level Quik Latex Primer	ProLite Large Format Mortar ProLite RS, Complete Contact RS	Polyblend, Prism, CEG Lite Epoxy Grout	Custom Commercial. 100% Silicone Caulk
BOSTIK 800-523-6530	Webcrete 95, Bostik SL 150 Self Leveling Underlayment, Universal Primer for use w/SL 150)	Reflex Mortar, Big Tile & Stone Mortar	EZ Poxy Grout & Mortar, Ceramic Tile Grout	Pure Silicone Caulk

## 8. TECHNICAL PERFORMANCE

PHYSICAL AND CHEMICAL PROPERTIES	NORM TEST METHOD	Laminam3+ and 5.6
Size	Laminam	Maximum Deviation on the side +/- 0.5 mm
Size	Laminam	Maximum deviation on the side +/- 1.0 mm
Weight kg/m <sup>2</sup>	Laminam	3+ average value 8.2 kg/m <sup>2</sup> 5.6 Average Value 14
Surface Quality ( % Of Tiles With No Visible Flaws)	ISO 10545-2	> 95%
Water Absorption	ASTM C373	Average value 0.1%
Breaking Load In	ISO 10545-4	3+ average value 700 5.6 Average Value 1100
Bending Strength In N/Mm <sup>2</sup>	ISO 10545-4	3+ Average value 90 5.6 Average Value 50
Mohs Scale Hardness	UNI EN 101	≥ 6
Resistance To Deep Abrasion	ISO 10545-6	≤ 175 mm <sup>3</sup>
Coefficient Of Linear Thermal Expansion (10-6/°C)	ISO 10545-8	6.6
Resistance To Thermal Shock	ISO 10545-9	Resistant
Chemical Resistance	ISO 10545-13	No visible effect
Stain Resistance	ISO 10545-14	Class 5
Frost Resistance	ISO 10545-12	Resistant
Coefficient Of Friction	ASTM C-1028	≥ 0.6 Dry
Wet Dynamic Coefficient Of Friction	AcuTest <sup>sm</sup>	5.6 mm – Collection and Oxide <.42
		Due to the visual aesthetic of this product, The DCOF varies resulting in a broad range of DCOF values, Including those less than 0.42
Wet Dynamic Coefficient Of Friction	AcuTest <sup>sm</sup>	5.6 mm – Fokos .42 – .52
Flame Spread and Smoke Development	ASTM E84-12a.	Flame Spread = 0 Smoke Develop = 15