

Introducing the new **Keraflex™** line of products

# Extra smooth, large-and-heavy tile mortars with High-Transfer Technology™

- Feature outstanding transfer of mortar to the backs of tiles while retaining impressive non-sag/nonslump properties
- Water and frost resistance
- Highly resistant to freeze/thaw conditions (*Keraflex Super*)
- Superior mortar-wetting properties
- Ideal for edge-leveling clip applications
- Easy to mix: Products blend quickly and easily to a lump-free consistency
- Easy to trowel, with much less effort required; buttery texture



**Keraflex<sup>™</sup>  
SG**Standard, Extra Smooth,  
Large-and-Heavy-Tile  
Mortar with Polymer**Keraflex<sup>™</sup>  
Plus**Professional, Extra Smooth,  
Large-and-Heavy-Tile  
Mortar with Polymer**Keraflex<sup>™</sup>  
Super**Premium, Extra Smooth,  
Large-and-Heavy-Tile  
Mortar with Polymer**Keraflex<sup>™</sup>  
RS**Professional, Rapid-Setting,  
Extra Smooth, Large-and-  
Heavy-Tile Mortar with Polymer**Distinguishing Features of Keraflex Mortars**

Substrates	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
Concrete, cement block, brick, mortar beds, leveling coats, cement backer units, gypsum wallboard/plaster and plywood	•	•	•	•
VCT, sheet vinyl and cutback residue		•	•	•
Ceramic/porcelain/quarry tile and pavers		•	•	•
Uncoupling, waterproofing, crack-isolation and sound-reduction membranes	•	•	•	•

Uses	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
Interior walls and floors / Exterior floors	•	•	•	•
Exterior building facades			•	
Interior/exterior submerged applications			•	•
Over infloor heating systems		•	•	•

Application Properties	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
Open time	Up to 30 minutes	30 minutes	35 to 45 minutes	10 to 20 minutes
Pot life	> 2 hours	3 hours	4 hours	30 minutes

ISO Classifications	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
	C2TE	C2TE	C2TES1P1	C2TF

ANSI Specifications	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
	A118.4HTE and A118.11	A118.4HTE and A118.11	A118.4HTE, A118.11 and A118.15HTE	A118.4HTF and A118.11
ANSI shear strength, impervious tile	200 to 300 psi (1.38 to 2.07 MPa)	220 to 340 psi (1.52 to 2.34 MPa)	425 to 550 psi (2.93 to 3.79 MPa)	350 to 450 psi (2.41 to 3.10 MPa)
ANSI shear strength, glazed wall tile	325 to 440 psi (2.24 to 3.03 MPa)	395 to 540 psi (2.72 to 3.72 MPa)	450 to 550 psi (3.10 to 3.79 MPa)	400 to 500 psi (2.76 to 3.45 MPa)
ANSI shear strength, quarry tile to quarry tile	275 to 400 psi (1.90 to 2.76 MPa)	295 to 415 psi (2.03 to 2.86 MPa)	400 to 550 psi (2.76 to 3.79 MPa)	275 to 400 psi (1.90 to 2.76 MPa)
ANSI shear strength, quarry tile to plywood	> 150 psi (1.03 MPa)	> 150 psi (1.03 MPa)	200 to 275 psi (1.38 to 1.90 MPa)	150 to 200 psi (1.03 to 1.38 MPa)
ANSI H designation (large and heavy tile): Lippage change < 1/64"	•	•	•	•
ANSI T designation (sag on vertical surfaces): ≤ 0.02" (0.5 mm) at 20 minutes	•	•	•	•
ANSI E designation (extended open time): ≥ 72.5 psi (0.5 MPa) at 30 minutes	•	•	•	
ANSI F designation (impervious tile): > 50 psi at 4 hours				•

Protection	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
Before grouting walls	16 hours	8 to 16 hours	8 to 16 hours	3 hours
Before grouting floors	24 hours	24 hours	24 hours	3 hours
Foot traffic	24 to 48 hours	24 to 48 hours	24 to 48 hours	6 hours
Heavy traffic	7 days	7 days	7 days	24 hours

Coverage	Keraflex SG	Keraflex Plus	Keraflex Super	Keraflex RS
1/4" x 1/4" x 1/4" square-notch trowel	86 sq. ft. (7.99 m <sup>2</sup> )	90 sq. ft. (8.36 m <sup>2</sup> )	115 sq. ft. (10.7 m <sup>2</sup> )	91 sq. ft. (8.45 m <sup>2</sup> )
1/2" x 1/2" x 1/2" square-notch trowel	43 sq. ft. (3.99 m <sup>2</sup> )	45 sq. ft. (4.18 m <sup>2</sup> )	58 sq. ft. (5.39 m <sup>2</sup> )	48 sq. ft. (4.46 m <sup>2</sup> )