



# Kerapoxy®

## Premium epoxy mortar and grout



### DESCRIPTION

*Kerapoxy* is a premium-grade, water-cleanable, 100%-solids, high-strength epoxy mortar and chemical-resistant nonsagging grout system. Available in all MAPEI colors for grouting, *Kerapoxy* is excellent for countertops, high-traffic areas, and areas needing stain and chemical resistance.

- Stain-free\*
- No sealer required
- Water-cleanable

### CLASSIFICATION STANDARDS

**ISO 13007:** *Kerapoxy* is R2T/RG = a reaction resin adhesive (R) that is improved (2) and has slip resistance (T); and a reaction resin grout (RG).

**ANSI:** Meets or exceeds ANSI A118.3 requirements for chemical-resistant, water-cleanable grouting epoxy

**USDA:** Authorized by the USDA for incidental food contact

### USES

#### As a Mortar

- For setting interior floors and walls
- For exterior installations (contact MAPEI's Technical Services Department)

- For setting most ceramic, porcelain and quarry tiles, acid-resistant floor brick, pavers and natural-stone tile\*\*
- For the installation of moisture-sensitive natural stone and their agglomerates. When setting light-colored marble, which can be stained by epoxy, use white *Granirapid®*, white *Ultraflex™ RS* or white *Ultracontact™ RS*\*\*
- For residential wall, floor and countertop installations
- For installations in areas subject to high water use or submerged conditions (such as gang showers, pools, spas and fountains)
- For industrial, commercial and institutional installations with high mortar requirements, see Chemical Resistance chart in this document.

Contact MAPEI's Technical Services Department for additional information regarding applications.

#### As a Grout

- For grouting most ceramic, porcelain and quarry tiles; acid-resistant floor brick; pavers; and natural-stone tile\*\*
- For grouting interior residential and commercial floor/wall applications
- For grouting exterior residential and commercial floor applications (contact MAPEI's Technical Services Department)
- For industrial, commercial and institutional installations with high-strength, chemical-resistant and nonsagging grout requirements, see Chemical Resistance chart in this document.
- For heavy traffic areas such as subway stations, shopping malls and airport terminal buildings
- For areas requiring stain-resistant grout such as countertops, vanities and laboratory tabletops

\* With immediate cleaning and proper maintenance, *Kerapoxy* stain-free grout is resistant to staining when exposed to most common household goods and cleaning agents. Long-term exposure to any material can increase the potential for staining grout.

\*\* Marble, granite and slate are products of nature made from a vast combination of minerals and chemicals that may cause the material to behave or react in a manner beyond our control. Likewise, we do not have control over any of the materials and process used in the manufacturing of agglomerates. Therefore, determine the suitability of all the materials before proceeding with the installation.

## TECHNICAL NOTES

### As a Mortar

- Epoxy mortar thickness should not exceed 1/4" (6 mm) under the tile.
- Do not apply over particleboard, presswood, oriented strand board (OSB), Masonite, chipboard, Lauan, gypsum floor-patching compounds or similar dimensionally unstable substrates.
- For use in cold weather, see "Cold Weather Usage" section.

### As a Grout

- Joint width should be between 1/16" and 3/8" (1,5 and 10 mm).  
Note: For *Kerapoxy* Black grout, the minimum grout joint is 1/8" (3 mm).
- Do not use for grouting white or translucent marble.  
Note: Some types of glazed ceramic tiles, marble and granite as well as marble agglomerates can be permanently stained, scratched, dulled or damaged when grouted with pigmented, sanded and epoxy grout formulas. Take all the necessary precautions to ensure that the marble, granite or tiles are compatible with colored grouts. To determine the suitability of the product with colored and/or sanded grouts, check the tile or marble manufacturer's literature and test grout on a separate sample area before grouting.
- Do not use in areas subject to excessive heat. Once cured, *Kerapoxy* will resist temperatures up to 212°F (100°C). Keep steam-cleaning wands 6" to 12" (15 to 30 cm) above the tile surface.
- When used as a grout on exterior installations, color variations may occur over time, especially with lighter shades due to ultraviolet rays or environmental contaminants.
- For use in cold weather, see "Cold Weather Usage" section.

## RECOMMENDED SUBSTRATES

- Fully cured concrete (at least 28 days old)
- Cement block and brick masonry
- Cement mortars and leveling coats
- Exterior-grade plywood (interior residential floor and countertop applications in dry areas only)
- Cement backer units (CBUs)
- Properly prepared existing ceramic tile
- Properly prepared cement and epoxy terrazzo

Consult MAPEI's Technical Services Department for installation recommendations regarding substrates and conditions not listed.

## INSTRUCTIONS (for use as a mortar)

### A1. Surface Preparation

See MAPEI's "Surface Preparation Requirements" document.

### A2. Mixing

- A2.1 Wear rubber gloves and avoid skin contact during mixing, application and cleaning.
- A2.2 Parts A and B are packaged to exact quantity ratios for proper curing.
- A2.3 Pour out all material from the Part B container into Part A (paste). To improve flowability and texture, allow enough time for the material to flow completely out of the container. Always mix complete units. Do not add other materials to this mixture.

- A2.4 Use a slow-speed mixer (at about 300 rpm), or manually mix smaller kits with a margin trowel.
- A2.5 Avoid air entrapment from prolonged mixing, which will shorten the pot life.
- A2.6 Mix thoroughly until a homogenous, consistent color is obtained.
- A2.7 Wash tools immediately with water before epoxy hardens. *Kerapoxy* is extremely difficult to remove once cured.
- A2.8 Do not place the lid on the container after the material has been mixed.

## A3. Application as a Mortar

- A3.1 The temperature of the substrate or tilework must be between 60°F and 90°F (16°C and 32°C) while spreading *Kerapoxy*. Maintain that temperature until *Kerapoxy* has hardened sufficiently (in 24 to 72 hours).
- A3.2 Remove the mixed product from the container and place in piles on the floor. *Kerapoxy* is a thermosetting product, so it sets faster in a container or a large mass.
- A3.3 Use a typical notched trowel (see chart) with sufficient depth to ensure proper epoxy mortar transfer, covering 95% of the tile back.
- A3.4 Using the trowel's flat or straight edge, spread a thin, pressure-applied coat onto the substrate. Follow immediately with additional material, and then comb the surface using the trowel's notched side to achieve an even-setting bed.
- A3.5 The entire substrate should be covered, leaving no bare areas between the ridges.
- A3.6 Do not spread more epoxy mortar than can be covered with ceramic tiles immediately.
- A3.7 Place tiles firmly into position with a slight twisting motion to ensure good contact with the epoxy mortar.
- A3.8 Follow immediately with proper and thorough beat-in to flatten the ridges or notches into a continuous bed, allowing at least 25% of the thickness of each tile to be embedded into the epoxy mortar. Following this procedure will minimize the number of air bubbles that reach the surface and cause pinholes during epoxy grouting.
- A3.9 Make all alignments or adjustments immediately following beat-in.
- A3.10 Remove smudges from the tile face immediately with a clean sponge and water.
- A3.11 Do not disturb, grout or walk over tiles for at least 24 hours.
- A3.12 Wash tools immediately with water while material is still fresh.

## A4. Expansion and Control Joints

- A4.1 Provide for expansion and control joints where specified.
- A4.2 Do not cover or bridge any expansion joints with epoxy mortar.
- A4.3 Plan installation so that tiles line up on one side of the control or expansion joints.
- A4.4 Protect tilework with metal strips along both edges of structural building expansion joints.
- A4.5 Insert the sealant manufacturer's specified compressible bead and sealant for expansion and control joints.

## INSTRUCTIONS (for use as a grout)

Note: Both the application and cleanup procedures for an entire kit typically should not exceed 45 minutes to 1 hour at room temperature.

## TECHNICAL DATA (at 73°F [23°C] and 50% humidity)

**ISO 13007:** *Kerapoxy*® is R2T/RG. **ANSI:** Meets or exceeds ANSI A118.3 requirements for chemical-resistant, water-cleanable grouting epoxy.

**USDA:** Authorized by the USDA for incidental food contact.

Pot life.....	60 to 90 minutes
Open time.....	2 hours
Initial set .....	24 hours
Final cure .....	14 days
Shear strength (per ANSI A118.3 tests).....	> 1,000 psi (6,90 MPa)
Compressive strength (per ANSI A118.3 tests) .....	6,000 psi (41,4 MPa)
Cleanability .....	With water while fresh. Consult MAPEI's Technical Services Department regarding removal of hardened epoxy.
Colors .....	Available in all MAPEI grout colors. Refer to MAPEI's Grout Color Chart. Sample grout color chips are available upon request. For information on made-to-order colors, contact MAPEI.
Shelf life.....	2 years when stored in original, sealed containers at room temperature
Health and safety.....	Consult the Material Safety Data Sheet (MSDS) for safe-handling instructions.

## PACKAGING

Kits: 1 U.S. qt. (946 mL); 1 U.S. gal. (3,79 L); 2 U.S. gals. (7,57 L)

## WORKING CHARACTERISTICS AT VARIOUS TEMPERATURES

Temperature will have a dramatic effect on the working characteristics of an epoxy system. Epoxy materials will become thinner at higher temperatures and have a shorter pot life; at lower temperatures, the reverse is true. For best results, use the product between 60°F and 90°F (16°C and 32°C).

In hot climates, the material's pot life may be extended by adjusting the grouting operation to the coolest time of day (such as early morning), and by cooling the material. Place the *Kerapoxy* kit with the lid on in ice water and let it cool. *Kerapoxy* should be stored at room temperature for at least 24 hours before use to make its spreading and cleaning easier.

If the material is cold, or if one or both parts are stiff or show signs of partial crystallization due to storage or shipping, place the *Kerapoxy* kit with the lid on in warm tap water (at about 120°F [49°C]) for 10 to 20 minutes and let the material return to room temperature before mixing.

When surface temperature is between 35°F and 60°F (2°C and 16°C), see the "Cold Weather Usage" section.

<u>Temperature</u>	<u>Open Time</u>	<u>Pot Life</u>	<u>Clean Within</u>	<u>Viscosity</u>
100°F (38°C)	30 minutes	45 minutes	15 minutes	Thin paste
73°F (23°C)	2 hours	1 hour	30 to 40 minutes	Medium paste
45°F (7°C)	20 hours	5 hours	90 minutes	Viscous, thick paste

*The above data represents the standard Kerapoxy response to temperature. Consult MAPEI's Technical Services Department for installation recommendations for other conditions.*

## B1. Surface Preparation

- B1.1 The temperature of the tile surface should be between 60°F and 90°F (16°C and 32°C) while grouting for best results. Maintain that temperature until *Kerapoxy* has hardened sufficiently (in 24 to 72 hours).
- B1.2 Do not disturb, grout or walk over tiles for at least 24 hours after setting.
- B1.3 Tile surfaces must be clean, dry and free of any debris.
- B1.4 All joints must be clean and free of excess setting material, standing water, dust and foreign substances.

## B2. Mixing

- B2.1 Wear rubber gloves and avoid skin contact during mixing, application and cleaning.
- B2.2 Parts A and B are packaged to exact quantity ratios for proper curing.
- B2.3 Pour out all material from the Part B container into Part A (paste). To improve flowability and texture, allow enough time for the material to flow completely out of the container. Always mix complete units. Do not add other materials to this mixture.
- B2.4 Use a slow-speed mixer (at about 300 rpm), or manually mix smaller kits with a margin trowel.
- B2.5 Avoid air entrapment from prolonged mixing, which will shorten the pot life.
- B2.6 Mix thoroughly until a homogenous, consistent color is obtained.
- B2.7 Wash tools immediately with water before epoxy hardens. *Kerapoxy* is extremely difficult to remove once cured.
- B2.8 Do not place the lid on the container after the material has been mixed.

## B3. Grouting

- B3.1 Remove mixed product from the container and place in small piles to extend working time. (If grouting a wall, place on kraft paper laid on the floor.) This is a thermosetting product, so it sets up faster in a container or in a large mass.
- B3.2 Use a MAPEI Epoxy Grout Float to force the grout into the joints, in a continuous manner, leaving it flush with the tile edge.
- B3.3 Make sure all joints are well-compacted, and free of voids and gaps. Fill the joints with the maximum amount of grout possible.
- B3.4 Thoroughly remove excess *Kerapoxy* from the face of the tile before it loses its plasticity or begins to set. This is most easily accomplished by holding the rubber float at a 90° angle to the tile surface, proceeding diagonally to the joint surface, and then proceeding diagonally to the joint line. Leave as little epoxy grout on the tile surface as possible.
- B3.5 Clean tiles immediately after applying each unit of *Kerapoxy*. Grout and clean in small areas. Do not attempt to use more than one unit before cleaning tiles. On large projects, working in teams of 2 to 3 people will simplify the installation.

## B4. Cleaning

- B4.1 Before *Kerapoxy* hardens on the tile surface, apply a liberal amount of water (cold water is acceptable) to the freshly grouted area. Scrub the tile surface diagonally to the joint line using a nonwoven nylon scouring pad (such as a 3M Scotch-Brite® pad). Apply the minimum amount of pressure on the pad, rinsing it frequently while cleaning. Always keep plenty of water on the surface being cleaned, being careful not to get any water in the ungrouted joints ahead.
- B4.2 Remove the remaining water and residue by dragging a damp towel diagonally to the joint line. The weight of the damp towel will provide enough pressure to remove the residue. Rinse the towel often and keep changing the rinse water to avoid residue buildup.

## TYPICAL TROWELS AND APPROXIMATE COVERAGES\*

### • For use as a mortar

Trowel Size	1 U.S. qt. (946 mL)	1 U.S. gal. (3,79 L)	2 U.S. gals. (7,57 L)
1/4" x 1/4" x 1/4" (6 x 6 x 6 mm) square-notched trowel	4.5 sq. ft. (0,42 m <sup>2</sup> )	18 sq. ft. (1,67 m <sup>2</sup> )	36 sq. ft. (3,34 m <sup>2</sup> )
5/32" x 5/32" (4 x 4 mm) V-notched trowel	10 sq. ft. (0,93 m <sup>2</sup> )	40 sq. ft. (3,72 m <sup>2</sup> )	80 sq. ft. (7,43 m <sup>2</sup> )

### • For use as a grout

Tile Size	Approximate Coverages* – sq. ft. (m <sup>2</sup> ) per 1 U.S. qt. (0,95 L)			
	Grout Joint Width			
	1/16" (1,5 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	14 (1,30)	8 (0,74)	4 (0,37)	3 (0,28)
2" x 2" x 1/4" (50 x 50 x 6 mm)	27 (2,51)	14 (1,30)	8 (0,74)	6 (0,56)
3" x 3" x 1/4" (75 x 75 x 6 mm)	40 (3,72)	20 (1,86)	11 (1,02)	8 (0,74)
4-1/4" x 4-1/4" x 1/4" (108 x 108 x 6 mm)	56 (5,20)	28 (2,60)	15 (1,39)	10 (0,93)
4" x 4" x 3/8" (100 x 100 x 10 mm)	35 (3,25)	18 (1,67)	9 (0,84)	7 (0,65)
4" x 8" x 1/2" (100 x 200 x 12 mm)	35 (3,25)	18 (1,67)	9 (0,84)	6 (0,56)
4" x 8" x 3/4" (100 x 200 x 19 mm)	23 (2,14)	12 (1,11)	6 (0,56)	4 (0,37)
4" x 8" x 1-1/8" (100 x 200 x 29 mm)	15 (1,39)	8 (0,74)	4 (0,37)	3 (0,28)
4" x 8" x 1-3/8" (100 x 200 x 35 mm)	13 (1,21)	6 (0,56)	3 (0,28)	2 (0,19)
6" x 6" x 1/4" (150 x 150 x 6 mm)	78 (7,25)	40 (3,72)	20 (1,86)	14 (1,30)
6" x 6" x 1/2" (150 x 150 x 12 mm)	39 (3,62)	20 (1,86)	10 (0,93)	7 (0,65)
8" x 8" x 3/8" (200 x 200 x 10 mm)	69 (6,41)	35 (3,25)	18 (1,67)	12 (1,11)
10" x 10" x 3/8" (250 x 250 x 10 mm)	86 (7,99)	44 (4,09)	22 (2,04)	15 (1,39)
12" x 12" x 1/2" (300 x 300 x 12 mm)	78 (7,25)	39 (3,62)	20 (1,86)	13 (1,21)
16" x 16" x 3/8" (406 x 406 x 10 mm)	138 (12,8)	69 (6,41)	35 (3,25)	24 (2,23)

Tile Size	Approximate Coverages* – sq. ft. (m <sup>2</sup> ) per 1 U.S. gal. (3,79 L)			
	Grout Joint Width			
	1/16" (1,5 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	56 (5,20)	31 (2,88)	18 (1,67)	14 (1,30)
2" x 2" x 1/4" (50 x 50 x 6 mm)	108 (10,0)	56 (5,20)	31 (2,88)	22 (2,04)
3" x 3" x 1/4" (75 x 75 x 6 mm)	159 (14,8)	82 (7,62)	43 (3,99)	31 (2,88)
4-1/4" x 4-1/4" x 1/4" (108 x 108 x 6 mm)	223 (20,7)	114 (10,6)	59 (5,48)	41 (3,81)
4" x 4" x 3/8" (100 x 100 x 10 mm)	140 (13,0)	72 (6,69)	37 (3,44)	26 (2,42)
4" x 8" x 1/2" (100 x 200 x 12 mm)	139 (12,9)	71 (6,60)	37 (3,44)	25 (2,32)
4" x 8" x 3/4" (100 x 200 x 19 mm)	93 (8,64)	47 (4,37)	24 (2,23)	17 (1,58)
4" x 8" x 1-1/8" (100 x 200 x 29 mm)	62 (5,76)	32 (2,97)	16 (1,49)	11 (1,02)
4" x 8" x 1-3/8" (100 x 200 x 35 mm)	51 (4,74)	26 (2,42)	13 (1,21)	9 (0,84)
6" x 6" x 1/4" (150 x 150 x 6 mm)	313 (29,1)	159 (14,8)	82 (7,62)	56 (5,20)
6" x 6" x 1/2" (150 x 150 x 12 mm)	156 (14,5)	79 (7,34)	41 (3,81)	28 (2,60)
8" x 8" x 3/8" (200 x 200 x 10 mm)	277 (25,7)	140 (13,0)	72 (6,69)	49 (4,55)
10" x 10" x 3/8" (250 x 250 x 10 mm)	345 (32,1)	174 (16,2)	89 (8,27)	60 (5,57)
12" x 12" x 1/2" (300 x 300 x 12 mm)	310 (28,8)	156 (14,5)	79 (7,34)	54 (5,02)
16" x 16" x 3/8" (406 x 406 x 10 mm)	551 (51,2)	277 (25,7)	140 (13,0)	94 (8,73)

Tile Size	Approximate Coverages* – sq. ft. (m <sup>2</sup> ) per 2 U.S. gals. (7,57 L)			
	Grout Joint Width			
	1/16" (1,5 mm)	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)
1" x 1" x 1/4" (25 x 25 x 6 mm)	112 (10,4)	61 (5,67)	36 (3,34)	27 (2,51)
2" x 2" x 1/4" (50 x 50 x 6 mm)	215 (20,0)	112 (10,4)	61 (5,67)	44 (4,09)
3" x 3" x 1/4" (75 x 75 x 6 mm)	318 (29,5)	164 (15,2)	87 (8,08)	61 (5,67)
4-1/4" x 4-1/4" x 1/4" (108 x 108 x 6 mm)	446 (41,4)	228 (21,2)	119 (11,1)	82 (7,62)
4" x 4" x 3/8" (100 x 100 x 10 mm)	280 (26,0)	143 (13,3)	75 (6,97)	52 (4,83)
4" x 8" x 1/2" (100 x 200 x 12 mm)	279 (25,9)	142 (13,2)	73 (6,78)	51 (4,74)
4" x 8" x 3/4" (100 x 200 x 19 mm)	186 (17,3)	95 (8,83)	49 (4,55)	34 (3,16)
4" x 8" x 1-1/8" (100 x 200 x 29 mm)	124 (11,5)	63 (5,85)	33 (3,07)	23 (2,14)
4" x 8" x 1-3/8" (100 x 200 x 35 mm)	101 (9,38)	52 (4,83)	27 (2,51)	18 (1,67)
6" x 6" x 1/4" (150 x 150 x 6 mm)	626 (58,2)	318 (29,5)	164 (15,2)	112 (10,4)
6" x 6" x 1/2" (150 x 150 x 12 mm)	313 (29,1)	159 (14,8)	82 (7,62)	56 (5,20)
8" x 8" x 3/8" (200 x 200 x 10 mm)	554 (51,5)	280 (26,0)	143 (13,3)	98 (9,10)
10" x 10" x 3/8" (250 x 250 x 10 mm)	691 (64,2)	349 (32,4)	178 (16,5)	121 (11,2)
12" x 12" x 1/2" (300 x 300 x 12 mm)	621 (57,7)	313 (29,1)	159 (14,8)	108 (10,0)
16" x 16" x 3/8" (406 x 406 x 10 mm)	1102 (102)	554 (51,5)	280 (26,0)	189 (17,6)

\*When grouting abrasive or slip-resistant floor tiles, anticipated coverage can be dramatically decreased. Alternatives to the traditional grouting technique, such as a grout bag or commercial sealant gun, may be of assistance. Consult MAPEI's Technical Services Department for approximate coverages not shown in the above table.

## CHEMICAL RESISTANCE

Resistance to chemicals depends on the concentration, temperature and duration of exposure. For long-term durability and improved grout appearance, clean up spills immediately after they occur.

Laboratory tests reveal variable resistance to certain chemicals. The following table may be considered as a general guide for *Kerapoxy* applications at 73°F (23°C).

For recommendations regarding chemicals not listed or concentrations exceeding the levels stated, contact MAPEI's Technical Services Department.

### Legend

- ++ Excellent resistance
- + Good resistance; long exposure could cause some deterioration; clean surface rapidly with water
- Poor or no resistance

Product Types	Concentration	Laboratory	Long Time	Short Time
<b>Acids</b>				
Vinegar	2.5%	++	++	++
	5%	++	+	++
	10%	-	-	-
Hydrochloric acid	10%	++	++	++
Chromic acid	20%	-	-	-
Citric acid	10%	++	++	++
Formic acid	2.5%	++	++	++
	10%	-	-	-
Lactic acid	2.5%	++	++	++
	5%	++	+	++
	10%	+	-	+
Nitric acid	10%	++	+	++
	50%	-	-	-
Phosphoric acid	50%	++	++	++
	75%	+	-	+
Sulfuric acid	1.5%	++	++	++
	10%	++	++	++
	96%	-	-	-
Tannic acid	10%	++	++	++
Oxalic acid	10%	++	++	++
Oleic acid		-	-	-

### Base and Salt Solutions

Ammonia solution	25%	++	++	++
Caustic soda	50%	++	++	++
Hypochlorite solution				
• Act. CL 6.4 g/L		++	+	++
• Act. CL 165 g/L		-	-	-
Sodium hyposulfite		++	++	++
Calcium chloride		++	++	++
Iron chloride		++	++	++
Sodium chloride		++	++	++
Sodium chromate		++	++	++
Sugar		++	++	++
Aluminum sulfate		++	++	++
Potassium permanganate	5%	++	+	++
	10%	+	-	+
Caustic potash	50%	++	++	++
Hydrogen peroxide	1%	++	++	++
	10%	++	++	++
	25%	++	++	++
Sodium bisulfite		++	++	++

### Oils and Combustible Products

Gasoline		++	++	++
Turpentine		++	++	++
Diesel fuel		++	++	++
Peanut oil		++	++	++
Tar		++	+	+
Olive oil		++	++	++
Heating oil		++	++	++

### Solvents

Acetone		-	-	-
Ethylene glycol		++	++	++
Glycerol		++	++	++
Methylcellulose		-	-	-
Perchloroethylene		-	-	+
Carbon tetrachloride		+	-	+
Chloroform		-	-	-
Methylene chloride		-	-	-
Toluene		-	-	+
Carbon disulfide		+	-	+
Mineral spirits		++	++	++
Benzene		-	-	+
Trichloroethane		-	-	-
Xylene		-	-	-

# Kerapoxy®





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For the most current product and warranty data, visit [www.mapei.com](http://www.mapei.com).

- B4.3 Final cleanup is best accomplished with the use of a towel and two pails of clean water. Dampen the towel in one of the pails of water.
- B4.4 Drape the clean, damp towel over the newly grouted surface. Holding two corners of the towel, drag it over the tiles. The weight of the damp towel will help to remove any epoxy film still remaining.
- B4.5 Thoroughly rinse the towel or dip a new towel in the second pail of water and repeat the step above.
- B4.6 Change the cleaning water often to maintain cleanliness.
- B4.7 Do not step on freshly cleaned tiles. Permanent damage to the grout could result.
- B4.8 Do not allow surplus epoxy to stand in joints of adjacent areas.
- B4.9 Do not allow excess water or film to remain on the tile surface. It will be difficult to remove any residue once hardened.
- B4.10 Check the installation on the following day to make sure it is completely clean. If the surface has any tacky residue, remove it with a neutral cleaner or with a mild solution of detergent and water.

## COLD-WEATHER USAGE

If the temperature of the substrate or the tile surface is between 35°F and 60°F (2°C and 16°C), use *Kerapoxy* Cold-Weather Formula, Part B (sold separately).

Use *Kerapoxy* Cold-Weather Formula, Part B for mixing in lieu of the Part B furnished with the *Kerapoxy* kit. Also, the kit components can be put into warm water before mixing to aid in the product's workability. (See "Working Characteristics at Various Temperatures" section.)

## PROTECTION

Once cured, *Kerapoxy* becomes a premium-grade high-strength mortar and chemical-resistant nonsagging grout system. For best results, follow the recommended guidelines listed in the following chart.

### Under normal room conditions (73°F [23°C]):

Protect from	For at least
Light foot traffic.....	24 hours
Normal traffic.....	72 hours
Routine cleaning materials.....	72 hours
Heavy traffic.....	7 days
Water immersion.....	14 days
Food products and chemicals that can cause stains.....	10 to 14 days
Chemical attack.....	14 days

## GROUT MAINTENANCE

MAPEI grout products are produced to the highest quality of standards. To maintain a clean tile surface, use a neutral-pH cleaner for the floor maintenance, followed by a clean-water rinse.

Do not use harsh chemicals to maintain the tile surface. Before proceeding with cleaning, consult the cleaner's manufacturer for compatibility, use and application instructions. Remove or rinse fatty acid residue from the grout surface to avoid potential grout deterioration caused by prolonged exposure.

## NOTICE

Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. **ANY CLAIM SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING TO US WITHIN FIFTEEN (15) DAYS FROM DATE IT WAS, OR REASONABLY SHOULD HAVE BEEN, DISCOVERED.**



## MAPEI

### Headquarters of the Americas

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### Technical Services

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

### Additional Information

Website: [www.mapei.com](http://www.mapei.com)

### MAPEI – USA

Ft. Lauderdale, Florida  
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Garland, Texas  
San Bernardino, California  
South River, New Jersey  
Tempe, Arizona  
West Chicago, Illinois

### MAPEI – Canada

Laval, Quebec  
Delta, British Columbia  
Brampton, Ontario

### MAPEI – Argentina

Buenos Aires

### MAPEI – Puerto Rico

Dorado

### MAPEI – Venezuela

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