



FREQUENTLY ASKED QUESTIONS

ADHESIVES:

Can Fritztile be installed over a bituthene waterproofing?

It is not recommended that Fritztile be installed over membrane type surfaces. Fritztile should only be installed over rigid, firm sub-surfaces. If you are using the waterproofing membrane to protect against sub-surface moisture vapor emissions, consider that Fritz FA88 Adhesive will withstand up to 10 pounds of moisture emissions.

What do you recommend for setting Fritztile?

All installations require the use of Fritz FA88 and FA1100. For residential applications and over steel, Fritz FA1100 adhesive may be used. Fritz FA1100 is limited to concrete moisture emission levels of 7-pounds or less while Fritz FA88 is limited to 10-pounds or less. Once the installation is laid, the adhesive must dry for at least 12 hours before the floor can be exposed to water or cleaning products. For information on applying Fritz adhesives, refer to product information sheets on FA1100 and FA88. Do not use these adhesives for wall applications of Fritztile. Use a white acrylic-based ceramic tile multi/purpose or acrylic cove base adhesive for wall applications.

FLOOR SEALERS AND FINISHES:

Can I use your FCP300 Floor sealer & finish on my marble tile floors?

The FCP300 is designed to be compatible with urethane coated or vinyl composition resilient flooring. While it will adhere to marble tile, when the time comes to rejuvenate, the FCP300 process, which involves alkaline strippers, is not compatible with slab marble.

Will Fritztile hold up to typical water spillage, assuming it may seep through and grow mold underneath and/or warp the flooring?

If the floor joints are sealed and maintained properly with acrylic finish, water will not penetrate to the subfloor.

My Fritztile floor, which is approximately 10 years old, has a buildup of clear polish which I want to remove. What's the easiest way to remove the polish?

Fritz FCP400 Floor Finish Stripper is a powerful stripper that is strong enough to remove hardened floor waxes and built-up layers of water resistant floor finishes.

What cleaner other than FCP500 cleans Fritztile?

Any pH neutral cleaner followed with a clear water rinse will work on Fritztile.

What sealer and finish products do you recommend for Fritztile in residential installations?

Fritztile recommends FCP300 DuroGloss Floor Sealer & Finish be used in residential applications. FCP102 Floor Sealer is not recommended for residential installations.

What would be the preferred method of cleaning Fritztile after installation to prepare for sealant if the tile was left unsealed for a few days when minor construction foot traffic has occurred? What chemicals and should a buffer be used to clean these area's to receive the initial sealing?

If only minor and incidental traffic, such as pass-through traffic, has taken place in those few days then normal published procedures for cleaning, sealing and finishing should be performed. The condition of the floor shall be free of dust, soiling, beverage spills, and the like where the tile joints have not been contaminated. While conducting sealing and finishing procedures, restrict the area only to persons necessary for the procedure.

1. Using a wringer mop and wringer bucket, damp mop the floor using warm-hot water with the proper dilution of FCP500 All Purpose neutral floor cleaner. **DO NOT FLOOD OR SOAK THE FLOOR.** Follow this cleaning with a clear water damp mop rinsing. You may also use an auto-scrubber for cleaning and rinsing in lieu of the mop. Allow the floor to dry. Accelerated drying with exhaust fans and/or blowers is encouraged. If your municipal water supply causes water spots to appear on the dry floor you can buff them away using a clean buffing pad. Shake the pad clean frequently. Do not use tack cloths or sweeping compounds.
2. For commercial installations apply FCP102 - Do not apply in residential situations. Using a clean non-linting wringer mop and wringer bucket apply FCP102. **DO NOT POUR SEALER DIRECTLY ONTO THE FLOOR.** (A good tip is to line the wringer pail with a heavy plastic trash bag that can be discarded when through.) Pour the FCP102 into the pail and submerge the mop in it until the head is full. Wring the mop head so it is not dripping. Apply by mopping the floor evenly, working against the wet edge. The application coat should be thin and streak-free. Do not over work an area, but reload the mop instead. Work from side to side. Allow to dry and apply a second coat in a direction perpendicular to the first. Drying time will vary. **DO NOT ACCELERATE DRYING TIME WITH BLOWERS.** Under normal conditions, the second coat may be applied 15 minutes after the first is dry to the touch.
3. Apply the FCP300 Duro-Gloss Floor Sealer & Finish in the same manner as the FCP102. Apply two coats. Restrict traffic and placement of protective coverings until the next day.

INSTALLATION:

Can Fritztile be grouted?

Fritztile can be grouted provided the tile is not butt joint fitted. The grout joint should not be wider than the thickness of the tile. Unsanded epoxy grout should be used. Do not allow the grout to set up on the face of the tile. Apply Fritz sealers and finishes ether before or after grouting. If sealers and finishes are applied first, allow 7 days before grouting.

Can Fritztile be used outdoors?

Fritztile is for indoor use only. Do not apply in outdoor installations, as this will void all warranty.

Can your terrazzo tile be applied to shower and bathroom walls?

Fritztile is not built for direct exposure to water other than water used for maintenance. Shower walls are not acceptable applications.

Do you offer a cove base that is 6", and with a flare on the bottom?

No. Fritz Industries does not manufacture a flared or cove wall base, however Fritztile itself can be cut to height and incorporated with a 3/16" radius beveled polished (bullnose) top and used as a straight wall base, if you need base with a toe profile you will need to look to cove base

manufacturers elsewhere. Regardless of which base you choose to use, always seal the joint prior to placing the base with a 100% silicone sealant.

How do Fritz tiles wear over radiant heat?

Fritztile can be installed over radiant heat substrates. The surface temperature of the tile installed should not exceed 85F. Both the FA88 and the FA1100 adhesives are suitable for this type of installation. The installation must be done with the system off or at lowest settings. Substrates that are cementitious must have the radiant system run prior to installing the Fritztile to express moisture from the cement. Wait a minimum of 8 hours post installation to resume normal operation of the system.

How do I prepare an existing installation of porcelain or quarry tile to receive Fritztile?

You need to determine if the existing bond of the tile is adequate before you do anything. Remove loose tiles from the existing installation. Next, scrub the existing floor with a stripper solution and then rinse it thoroughly with clear water and allow to dry. Both porcelain and quarry surfaces need to be prepared smooth with an underlayment to remove grout line and tile texture. Quarry tile is especially difficult to bond anything to the surface of as it may be saturated with sealing oils or cleaning oils like Lest-Oil or Pine Sol or Murphy's Oil Soap. Oily quarry tile will need to be abraded to a rough dull texture and cleaned once again. Select an underlayment that requires priming of the intended substrate prior to applying a product.

How does Fritz terrazzo tile compare to VCT in terms of flexibility/resilience? I know it's stronger/harder, but is it more brittle?

There are generally two methods that can give you a sense of flexibility and resilience for flooring. One method is to hold a piece of tile in both hands and exert twisting pressures. Both VCT and Fritztile will ultimately snap due to differing qualities of brittleness, though the VCT will tolerate this testing markedly better. A second method is to evaluate how the products perform under the stress of service when properly installed over suitable substrates.

With respect to flexibility, flooring substrates must have a deflection limit of L/360 - live load of 30psf plus dead load of 10 psf, minimum set by most building codes. Traditionally, the accepted minimum requirement for floor rigidity is L/360 - before the tile is installed. L/360 means that the allowable deflection is 1/360 on the clear span under a concentrated 300lb load. The L/360 standard means that the floor should not deflect more than the "span" divided by 360. If the span is 120 inches (10 feet between supports), then the deflection should not be more than 1/3" between the center and the end. Both VCT and Fritztile can handle this flexing. This concept should allay concerns that either product is too brittle.

With respect to resilience, the concern is how much service can the material endure before its shape is permanently altered and for how long will it wear presentably or how long will it take to wear it through. A static load of 3000lbs per square inch will not leave a dent in Fritztile but will crush VCT (provided the substrate is concrete as a load of that magnitude will penetrate wood.) Because Fritztile is chiefly stone, it will outwear VCT under heavy foot traffic for decades.

My Fritztile installation appears to be defective. How do I get help?

We recommend filing a claim so that we have all the information we need to help you in resolving your issue. Fritztile is designed to withstand the typical demands and needs of commercial flooring and when installed correctly and maintained properly should last a very long time.

What methods/tools do you recommend for cutting Fritztile?

Fritztile can be cut to a raw edge with a guillotine cam/lever tile cutter, tungsten/carbide, grit edge saber saw blade, a diamond edged wet saw or a hand held 2"- 4" power grinder tool. When cutting

tiles to be laid within the field of the installation, the use of a wet saw for straight cuts is recommended.

What type of base do you recommend for Fritztile?

Fritztile itself can be cut to height and incorporated with a 3/16th" radius beveled polished (bullnose) top and used as a straight wall base, if you need base with a toe profile you will need to look to cove base manufacturers elsewhere. Regardless of which base you choose to use, always seal the joint prior to placing the base with a 100% silicone sealant.

MAINTENANCE:

Can I use a steam mop on Fritztile?

Steam cleaning is not recommended, it can soften the resin and etch the factory sealer. Please refer to our installation page for maintenance information.

Do I need a home buffing machine to maintain that high shine in my high traffic home?

Generally, all that needs to be done is an application of new dressing over dulled areas. Buffing may or may not address the degree of shine loss that you hope to recover. In some residential cases it is simply not practical to buff or burnish a floor because the equipment may not maneuver well in certain layout configurations. There are 3 basic approaches to maintaining shine. All approaches include that the floor has been washed and rinsed as a first step. The easiest method is to reapply a thin coat of floor finish, such as the FCP300 or equivalent other acrylic floor finish. Floors that have four or more secure coats of dressing can be buffed. Lastly, floors that have 8 or more secure coats can be burnished.

Typical buffing and burnishing equipment does not reach beneath toe-kick areas, these areas will need to be worked with handheld equipment. If this is the case then you will need two tools for one job because these tools create a shine level that is inconsistent with areas that have not been machined. The process of buffing and burnishing removes floor dressing at the surface. It is important that you maintain floor-dressing layers if you plan to maintain shine with machines.

MOST importantly is that any time you apply floor dressing, you apply the thinnest coats possible. Any number of thin coats will serve better and last longer and out perform one or two thick coatings. Never apply more than four coats in a 24-hour period. Never apply successive layering earlier than 7 days after the first.

What is the best way to maintain Fritztile in a commercial location?

Depending on the level of foot traffic, it should be dust mopped as needed, possibly daily, to keep free of grit as much as possible. Entrance mats in the main entry doors will also help control tracked in grit. Damp mop with a mild soap such as Fritz FCP500 Neutral Cleaner and water as needed to lift dirt. Coat as needed with a high solids acrylic finish such as Fritz FCP300 Duro-Gloss Finish to restore luster in worn and high traffic areas.

Will kitchen or office chairs without wheels scratch Fritztile?

Kitchen or office chairs will not affect Fritztile if they have suitable smooth metal or plastic slides. Although Fritztile is very durable and not easily scratched, it is possible without proper maintenance. Heavy objects dragged on the tile can scratch or gouge the surface.

Can you do custom color matching?

Yes, Fritztile can make custom tile to match existing terrazzo installations or to match a custom color.

Does Fritztile contain asbestos?

No. Refer to Fritztile MSDS for more information.

Does Fritztile contain PVCs (polyvinyl chloride)?

No. Refer to Fritztile MSDS for more information.

Does Fritztile get slippery when wet?

Fritztile is slippery when wet. For safety, wet spills must be attended to quickly. Fritztile is not intended to provide slip-resistance when wet.

What gauges/thicknesses are Fritztile available in?

Fritztile is only available in one gauge: 3/16". While we only offer one gauge, you can custom order Fritztile in a different gauge, but at an increased cost. Please contact a sales rep in your area for more information. [Fritztile Representatives](#)

What is Fritztile made out of?

Fritztile is made of genuine marble of various sizes set in a clear or colored matrix.

What is the size of Fritztile?

All Fritztile is 12" x 12"

What quantities of tile are in a box?

3/16" tile = 20 pieces

What size roller do I use to set the tile?

The roller must be 150 lbs pound roller, with three separate 50lbs rollers to evenly roll the floor with enough pressure to set the material.

For more information visit www.fritztile.com or call 800-345-6202.