

# FRITZ

## FA-1100MP

### Floor Tile Adhesive

**FA-1100MP** Adhesive is a white, water-based solvent-free, non-flammable adhesive formulated to provide an exceptional bond when installing Fritztile, rubber and vinyl-backed flooring over porous and non-porous surfaces substrates. Use FA-1100MP Adhesive indoors on wood and concrete substrates, cementitious underlayments and underlayment boards, on above, below and at grade levels. FA-1100MP is pre-mixed and ready to use. FA-1100MP has superior resistance to moisture exposure but is not a water-proof adhesive product.

**ENVIRONMENT:** Concrete in contact with the ground or below grade levels, requires the use of a moisture vapor retarding system. Fritz Industries, Inc. requires the use of the RMA Anhydrous Calcium Chloride Test in compliance with ASTM F-1869-98. A test result of 7-pounds per 1,000 square feet per 24 hours is considered a suitable slab for adhering Fritztile, rubber and vinyl-backed tiles and 5-pounds is suitable for vinyl composition tile. Ideal working conditions are 70 degrees Fahrenheit ambient and between 40% and 50% relative humidity.

**LIMITATIONS:** Do not allow adhesive to remain uncovered after the initial drying period, as a loss of adhesion will occur. Do not spread more adhesive than can be worked within 20 minutes. Do not use for Fritztile wall installations. Do not use outdoors or areas that are subject to excessive moisture and/or temperatures above 85 degrees Fahrenheit. Product must be laid over the FA-1100MP while adhesive is still wet.

**SURFACE PREPARATION:** The surface to be installed MUST BE sound, clean, free of dirt, dust, wax, grease, paint, curing compounds, adhesives and any foreign matter that would interfere with the proper bonding of the FA-1100MP to the substrate. OLD ADHESIVES MUST BE COMPLETELY REMOVED PRIOR TO INSTALLATION

OF THE FA-1100MP ADHESIVE. Patch all cracks and uneven surfaces with Fritz Industries underlayments. Level the substrate to tolerances no greater than 1/8" in 10 feet.

**CONCRETE SURFACES:** A Calcium Chloride test MUST BE PERFORMED on all concrete substrates to determine the moisture vapor transmission rate of the concrete. Do not exceed 7-pounds per 1,000 square feet per 24 hours while adhering Fritztile, rubber and vinyl-backed tiles and 5-pounds for vinyl composition tile. The installer is responsible for determining the bond compatibility between the adhesive/material/substrate. A bond test is highly recommended to determine the presence of any deleterious compounds that may be present on the concrete surface. A porous concrete surface will decrease the open time of the adhesive. To determine if the substrate is porous place a few drops of water in several areas. If the water is absorbed within a few seconds, the substrate is considered porous.

**DIRECTIONS:** Use a 1/16" X 1/16" X 1/16" square-notched trowel for the placement of all flooring. Once troweled, allow the FA-1100MP to remain open no more than 5-minutes before placement of the Fritztile. Place tiles into wet adhesive. Once placed, the flooring must be rolled and re-rolled. A 150-pound 3 section roller should be chosen for Fritztile, rubber and vinyl-back tiles and a 75-pound roller should be chosen for vinyl composition tiles and used until all material is firmly bonded and level with the adjoining tiles within 15 minutes of tile placement. Adhesive must transfer to tile and substrate.

#### TROWEL



1/16" X 1/16" X 1/16"

**COVERAGE:** A 1/16" X 1/16" X 1/16" square-notched trowel will cover 120-140 square feet per gallon on nonporous floors and 90 - 100 square feet per gallon on porous floors. Substrate texture and porosity greatly affects coverage rate so you may experience coverage greater or lesser than stated. Keep trowels clean so that the FA-1100MP is evenly and adequately distributed. Minimize adhesive swirls when applying adhesive to the substrate to maximize spread rates.

**CLEANUP:** Wet adhesive and smears can be cleaned with a clean rag dampened with clean water while adhesive is still wet. Dried adhesive is extremely difficult to remove without damaging the flooring product itself.

**SAFETY PRECAUTIONS:** Eye irritant. Avoid skin and eye contact. In case of contact with eyes, flush with water for 15 minutes and contact a physician. Use adequate room ventilation to provide a positive airflow.

KEEP OUT OF REACH OF CHILDREN. Close containers after each usage.

**SAFETY DATA:**

Hazardous Ingredients:

Chemical Name	% by Weight	CAS Number	AGGIH TLV	OSHA PEL
None	N/A	N/A	N/A	N/A

Contains: HMI rating for product - Health = 1, Flammability = 0, Reactivity = 0, Personal

Protection = B. All other chemicals in this product are trade secrets.

**FIRST AID PROCEDURES:**

Eye Contact: Flush with water immediately for 15-

minutes. Alert Medical Personnel

Skin Contact: Wash with soap and water while still wet.

Ingestion: Induce vomiting. Alert Medical Personnel

This product is not photo-chemically reactive as defined by California Rule 102

This product is non-toxic as defined by The Federal Hazardous Substance Act, 16 CFR 1500.3.

**SHELF LIFE AND WARRANTY:**

Fritz Industries, Inc. warrants that if this product proves to have manufacturing defects and Fritz Industries, Inc. are notified of such within six months from the date of Fritz Industries, Inc., shipped the product; we will replace the defective adhesive products f.o.b. factory. Such product replacement shall constitute the sole and exclusive remedy for any claim under this warranty. including Fritz Industries, Inc., representatives to make any statements which supersede, modify or supplement the information provided on its printed literature without written confirmation from the Fritz Industries, Inc. Technical Services Department. Any installations proceeding without this confirmation or misapplications of the products will void this warranty. This warranty is in lieu of all other warranties, expressed, implied or statutory and is strictly limited to its terms . Fritz Industries, Inc. makes no warranty of merchantability or suitability of its products for any particular purpose. All product demonstrations are placed for illustrative purposes only and do not constitute a warranty of any kind. Fritz industries, Inc. sells its products upon the condition that customers shall conduct their own tests to determine the suitability of the products for the customers intended purposes . Under no circumstances will Fritz Industries Inc. be liable for economic, special, incidental or consequential damages or losses of any kind whatsoever arising out of or occasioned by the selection, use, installation or replacement of these products.

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