

# Fritz

# FA-88

## Hybrid Cementitious Powdered Adhesive

**FA-88** is a portland-cement based hybrid cementitious powdered adhesive, when mixed with water becomes a flexible multi-purpose adhesive suitable for adhering Fritztile, vinyl composition tile, secondary-backed carpet and needle-bonded carpet to porous and non-porous concrete substrates ABOVE, ON and BELOW grade. FA-88 is safe for use outdoors as well as indoors. When fully cured, FA-88 is unaffected by moisture encroachment or effects from direct sunlight exposure. FA-88 is suitable for use with radiant heated floors. FA-88 is suitable for use over plywood. When using FA-88 for installing Fritztile terrazzo floor tile on concrete substrates, concrete moisture emissions must be no greater than ten (10) pounds per 1000 square feet per 24 hours. It is required that all concrete substrates be tested in a method compliant with ASTM F-1869-98 "Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride." For all other flooring products, refer to the individual manufacturers, requirements and limitations concerning concrete moisture emissions. FA-88 can be used as a filler over concrete saw cuts, minor subfloor irregularities and plywood underlayment joints in the same application while applying the product using the sharp side of the correctly selected trowel.

**LIMITATIONS:** Do not use FA-88 for any purpose beyond filling minor subfloor irregularities, such as sloping or increasing elevations of substrates. **FA-88 is not a substitute for underlayments.** Do not use over existing old adhesive. Do not allow adhesive to dry or skim over before placing flooring onto it. Do not use for vertical applications. Do not spread more adhesive than can be worked within 30 minutes. Discard adhesive after 90 minutes of initial mixing.

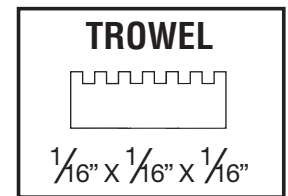
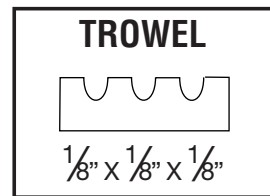
**PRECAUTIONS:** Do not discard mixture or powder down plumbing drains; this product will continue to cure and become hard in the presence of water even while submerged. As when mixing all cementitious products, wear proper protections such as eye, respiratory and gloves while mixing FA-88

**SURFACE PREPARATION:** The ambient environment must be at least 70 degrees Fahrenheit. The subfloor must be at least 55 degrees Fahrenheit. The surface to be installed must be sound, clean, and free of dirt, dust, grease, paint, curing compounds and any other foreign matter that would interfere with the bond of the FA-88 to the substrate. **Old adhesive must be completely removed prior to applying the FA-88 Adhesive.** Patch or self-level all uneven subfloor irregularities with cementitious underlayments. The installer is responsible for ensuring the bond compatibility of the adhesive with the substrate and the flooring material that the FA-88 will be used with.

**DIRECTIONS:** Remove the bag of powder from the container. Fill the container with clean, potable water up to the water line indicated on the side of the container. Pour the entire contents of the bag of powder into the mixing container. Using an electric drill and underlayment paddle mix the adhesive in the container until it is creamy and lump-free. Discard unused material after 90 minutes.

Use a 1/8 x 1/8 x 1/8-inch U-notched trowel for secondary-backed carpet and Fritztile terrazzo tile. Do not allow troweled adhesive to remain uncovered for more than thirty minutes. Do not install flooring material over dried or skinned over adhesive.

Use a 1/16 x 1/16 x 1/16-inch square notched trowel for Vinyl composition tile. Do not allow troweled adhesive to remain uncovered for more than fifteen minutes. Do not install flooring material over dried or skinned over adhesive.



For extremely smooth non-porous substrates, a smaller notched trowel may be used provided adequate transfer to the tile back is achieved.

For extremely dry or porous concrete, damp mopping the concrete with clear water will increase open time.

Ensure that trowels are replaced when worn to maintain an even application of the adhesive. Roll installed material with a 150-pound roller. Continue rolling until rolling no longer has any effectiveness. Proper rolling will increase the transfer of adhesive to the back of the installed product and flatten trowel ridges. Use kneeling boards while working on the tile.

**COVERAGE:** 1/8 x 1/8 x 1/8 U-notched trowel covers approximately 80 to 90 square feet per gallon.

1/16 x 1/16 x 1/16 Square notched trowel covers approximately 100 to 110 square feet per gallon.

**CLEANUP:** Wet adhesive and smears can be cleaned with a water-dampened rag. Dried or skinned over material on the substrate can be removed by scraping. **DO NOT ALLOW ADHESIVE TO DRY ON THE FACE OF THE MATERIAL INSTALLED.**

Allow 24-hours before using acrylic dressings on finished floors.

