

METAL FUSION

Help & FAQ

Why is MF different from other porcelain products?

The reason why MF is different from all other porcelain products is due to the new technique used to create its unique look.

What technique is used to produce MF?

For the first time in our industry conventional raw materials used for porcelain tile have been combined with glaze and real metals. The metals after being treated and brought to a granular form (micro-granules) are mixed with different type of glazes in a very accurate formula, to be then fired at very high temperatures to create a durable porcelain tile.

The different movements, colors and mainly brilliance of the surface are achieved by mechanically brushing the surface. The variation from tile to tile is due to the usage of specific alloys and oxidants that make every single tile unique.

Does the brilliance of MF wear off with time?

No, we actually have the opposite result. Because of the micro-granules the more we wear the tiles the more we enhance the brilliance.

Can MF be scratched?

MF needs to be considered as a metallic surface because of its micro-granules; however, as per its brilliance, the more we wear the tiles the more we reduce the effects of minor scratches.

Can the wear of MF be compared to the wear of any natural product like stone or wood?

No. Because of its porcelain body, MF is much more resistant than natural stone, and less subject to scratches than wood. However we need to remember that its metal surface is not as impervious as regular glazed or through body porcelain.

How does MF react to acids?

Because of its metallic surface it is suggested not to have MF cleaned or used in presence of any acids or bases.

Do I need to seal MF?

No, sealer is not suggested on MF.

What kind of grout should I use with MF?

Because of its metal surface a non sanded grout is recommended.

How do I clean MF right after it is installed and grouted?

MF should be cleaned with a pH balanced detergent mix with warm to hot water in a 1:30 ratio. One gallon of this composition should be enough to clean about 1200 s/f.

Do not use any type of acid or base detergent.

Wash the floor with a soft rotating brush, and rinse the floor with warm water.

Repeat the entire process two or three times until the floor is completely clean.

How do I maintain MF?

Use mild products with a pH around 6.5 – 7.5 are recommended to clean MF.

Why is the price of MF higher than the majority of the other porcelains?

There are few major factors:

Cost of the raw materials (metals are much more expensive than regular glazes).

The process to bring metals into a granular form is expensive.

The cost to polish this type of surface is higher compared to the one for regular porcelain.

Is the technology used to produce MF different from the ones used to make other metal looking porcelains?

Yes, as a matter of fact if you compare MF to any other metallic product you will immediately see the difference. Other products have either the surface coated with some metallic glazes or the metal is superficially sprayed before firing the tiles.