

WHAT IS FUSION?

Fusion is a unique marble flooring and wall tile product born of a concept that perfectly marries the beauty of natural stone with today's most advanced technical characteristics of low absorption ceramic tile. Fusion is a highquality, durable marble product that is readily available for discriminating people around the world.

WHAT MAKES FUSION SPECIAL?

Never before has the Stone industry had a product like Fusion that combines the exquisite beauty of a marble surface with the lightweight, durable, humidity protected, quality-control of a ceramic body. The result is a magnificent, one-of a kind product that is easy to work with and impressive to both the eye and the bottom line.

WHAT ARE THE ADVANTAGES OF FUSION?

COLOR CONSISTENCY ~ Fusion is preselected from slabs, ensuring the quality of a production run prior to the actual production of the tiles.

WEIGHT ~ Weighing significantly less than fully body marble products, Fusion's lighter weight translates into big savings throughout the logistics chain. This is particularly advantageous in multi-floor commercial installations where load factors of interior and exterior applications are major considerations.

BODY STRENGTH ~ With at least 2x the body strength of even the hardest marbles, Fusion offers big advantages over full body materials, especially softer marbles like Crema Marfil and Emperador Light & Dark. That's because Fusion's superior body strength translates into less breakage, easier installation and cleaner cutting. Compared to full body material, contractors using Fusion can calculate 1-3% waste (not the usual 15%) and utilize a larger audience of installers.

CREATIVE FLEXIBILITY ~ All Fusion products are 12mm thick. Fusion's consistent thickness allows you to mix and match colors and sizes to create something special without creating a nightmare for your installer.

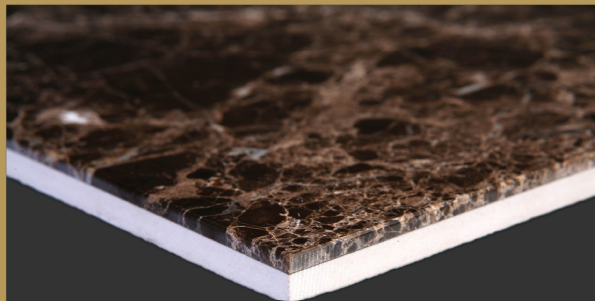
SPECIAL PIECES ~ Yes! In anticipation of the variety of installation applications that Fusion products are sure to inspire, special trim pieces including corners, base trim and bullnose pieces in a variety of shapes and sizes, are available for all Fusion products.

ENVIRONMENTALLY CONSCIOUS PRODUCT ~ Fusion's innovative production process allows consumers to enjoy the beauty of a variety of natural stone products with far less environmental impact. The production process for Fusion can produce as much as 2x the finished product than traditional full body processes. Producing more material with less environmental impact is a core value of Fusion.

TECHNICAL INFORMATION

LESS WEIGHT	Weights less than a 100% stone product, reducing the loading weight of a building, which is particularly advantageous in multi-story installations.
LESS BREAKAGE	Ease of installation decreases breakage by 10-20 %, equating to less material being withdrawn from the quarry, an environmental advantage.
ENVIRONMENTAL IMPACT	Reduced thickness and less breakage lead to a yield nearly three times the square footage as 100% stone. 1/3 the amount of stone yields the same amount of tile, equaling 1/3 the impact on the environment
INSTALLATION EFFICIENCY/ LOWER COST	Installed as a porcelain product, less installation knowledge is required. Latex modified thin set can be used instead of a more involved mortar bed installation. 30-40% higher efficiency than installation of natural stone. Decrease of knowledge required and increase of efficiency equate to a lower installation cost
NATURAL QUALITY:	Homogeneous selection is more consistent

TECHNICAL SPECS	NORM	RESULT
WATER ABSORPTION %	ASTM C 97	1.57%
COMPRESSIVE STRENGTH	ASTM C 170	WET 27,425 PSI DRY 28,404 PSI
MODULUS OF RUPTURE STRENGTH	ASTM C 99	WET 3,464 PSI DRY 4,048 PSI



Other materials available in www.barmat.pt

fusion
COLLECTION