

TECHNICAL DATA – FULLY VITRIFIED CERAMIC TILE

Material: Fully Vitrified Ceramic Tiles, unglazed, dry pressed
Fire-sealed (according to ISO 10545, 1-17)

Collection: ZF - 100x200x18mm (4"x 8"x 3/4"),
ZF - 100x18mm (4"x 3/4") Hexagon

Surface: R11, R12, R13

Colors: plain, speckled, mottled, red



Porsche color shown above

Dimension and flatness	Standard Values	DIN / EN	VERSI-TILE™ Fully-Vitrified Ceramics
1. Length and Width	± 0.75 %	EN 98	VERSI-TILE™ Fully-vitrified tiles fulfill or exceed
2. Width	± 0.75 %	EN 98	the requirements for dimensional tolerance
3. Thickness	± 5.0 %	EN 98	and flatness according to all relevant
4. Edge deviation	± 0.5 %	EN 98	DIN / EN / ISO standards.

Physical Properties

1. Water Absorption	max, 0.5%	EN 99	0.1% < 0.5%
2. Bending Strength	min, 27 N/mm ²	EN 100	> 51 N/mm ²
3. Impact Resistance	5,800 N	EN 100	> 8,200 N
4. Frost Resistance	Required	EN 202	Fulfilled
5. Hardness (MOH)	6	EN 101	7
6. Deep Abrasion Resistance	max, < 205mm ³	EN 102	< 141mm ³
7. Compressive Strength	150 N/mm ²	DIN 18158	> 340 N/mm ²
8. Light and Color Stability	Required	DIN 51094	Fulfilled
9. Resistance to Fire	non-combustible	DIN 4102	Fulfilled
10. Chemical Resistance	min, Class B	EN 106	Fulfilled
11. Shade Variation (Color)	V1,V2,V3,V4	INDUSTRY	≤ V2

Since 1975, Blome International has been a trusted supplier of heavy-duty, durable, corrosion resistant and antimicrobial protective linings for floors, walls, storage and feed tanks, and secondary containment systems. Our extensive experience providing targeted solutions to the Food and Beverage Industry qualifies us to take on your most challenging problems. Blome International materials and engineered solutions are currently employed in some of the most difficult and aggressive environments with outstanding results and unparalleled life-cycle economics. VERSI-TILE™ Fully Vitrified Tiles exceed industry standards for performance and quality. Call Blome International today for an independent consultation to discuss the needs and requirements of your facility and how to convert your infrastructure linings from a liability to a low-cost asset.