

TECHNICAL DATA – FULLY VITRIFIED CERAMIC TILE

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

Collection: ZF - 100x200x18.5mm,
 ZF - 100x18.5mm Hexagon

Surface: R10, R11, R12, R13

Colors: plain, speckled, mottled, porphyry



Forsche color shown above

Dimension and flatness	Standard Values	DIN / EN	VERSILINE™ Fully-Vitrified Ceramics
1. Length and Width	± 0.75 %	EN 98	VERSILINE™ 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

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