

## TECHNICAL DATA –VITRIFIED CLINKER CERAMIC TILE

**Material:** Vitrified Clinker Ceramic Tile, unglazed, dry-pressed  
 (according to DIN EN 18158; EN 176)

**Collection:** VCT-A - 100x200x20mm (4"x8"x3/4"),  
 VCT-A - 100x200x15mm (4"x8"x5/8")

**Surface:** R10, R11, R12

**Colors:** Brick Red, San-Francisco Red



Brick / SF Red (R12 shown)

Dimension and flatness	Standard Values	DIN / EN	VERSI-TILE™ Vitrified Clinker Ceramics
1. Length and Width	± 1.5 %	DIN 18 158	VERSITILE™ Vitrified Clinker tiles fulfill / exceed
2. Width	± 1.5 %	DIN 18 158	the requirements for dimensional tolerance
3. Thickness	± 5.0 %	DIN 18 158	and flatness according to all relevant
4. Edge deviation	± 1.5 %	DIN 18 158	DIN / EN / ISO standards.

### Physical Properties

1. Water Absorption	max, 3.0%	DIN 18 158	< 1.5%
2. Bending Strength	min, 20 N/mm <sup>2</sup>	DIN 18 158	> 38 N/mm <sup>2</sup> (>5,500 psi)
3. Impact Resistance	4,050 N	EN 100	> 5,600 N (>1,260 lb-f)
4. Frost Resistance	Required	DIN 18 158	Fulfilled
5. Hardness (MOH)	6	EN 101	6 - 7
6. Deep Abrasion Resistance	Max, 12cm <sup>3</sup> / 50cm <sup>2</sup>	DIN 18 158	6.2cm <sup>3</sup> / 50cm <sup>2</sup>
7. Compressive Strength	150 N/mm <sup>2</sup>	DIN 18158	> 252 N/mm <sup>2</sup> (>36,260 psi)
8. Light and Color Stability	Required	DIN 51094	Fulfilled
9. Resistance to Fire	non-combustible	DIN 4102	Fulfilled
10. Chemical Resistance	Required	DIN 18 158	Fulfilled
11. Shade Variation (Color)	V1,V2,V3,V4	INDUSTRY	≤ V2

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