

TECHNICAL DATA –VITRIFIED PAVER TILE

Material: Vitrified Paver Tile, unglazed, extruded
(according to ISO 10545; EN 176)

Collection: VCT-AKI - 115x240x18mm (4.5"x 9.5"x3/4"),
VCT-AKI - 115x240x25mm (4.5"x 9.5"x 1"),
VCT-AKI - 115x240x30mm (4.5"x 9.5"x1-3/16")

Surface: R10, R11, R12, V0

Colors: Brick Red



Brick Red (R11 Surface shown)

Dimension and flatness	Standard Values	Test Method	VERSI-TILE™ Vitrified Pavers Tile
1. Length and Width	± 2.0 %	ISO 10545-2	VERSITILE™ Vitrified Paver tiles fulfill / exceed
2. Width	± 2.0 %	ISO 10545-2	the requirements for dimensional tolerance
3. Thickness	± 3.0 %	ISO 10545-2	and flatness according to all relevant
4. Edge deviation	± 2.0 %	ISO 10545-2	DIN / EN / ISO standards.

Physical Properties

1. Water Absorption	max, 3.0%	ISO 10545-3	< 1.5%
2. Bending Strength	min, 20 N/mm ²	ISO 10545-4	> 38 N/mm ² (>5,500 psi)
3. Impact Resistance	4,050 N	EN 100	> 5,500 N (>1,235 lb-f)
4. Frost Resistance	Required	ISO 10545-12	Fulfilled
5. Hardness (MOH)	6	EN 101	6 - 7
6. Deep Abrasion Resistance	Max, 12cm ³ / 50cm ²	ISO 10545-6	2.8cm ³ / 50cm ²
7. Compressive Strength	150 N/mm ²	DIN 51067	> 240 N/mm ² (>34,800 psi)
8. Light and Color Stability	Required	DIN 51094	Fulfilled
9. Frost Resistance	Required	ISO 10545-12	Fulfilled
10. Acid Resistance	Required	ISO 10545-13	Fulfilled
11. Chemical Resistance	Required	ISO 10545-14	Fulfilled
11. Shade Variation (Color)	V1,V2,V3,V4	INDUSTRY	≤ V2

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