

Surrounding You with Exceptional Protection

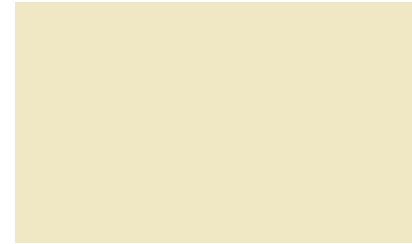
TECHNICAL DATA –CHEM-GLAZE™ VITRIFIED TANK TILE

Material: Vitrified Ceramic Tile, glazed, extruded
(according to EN 14411; ISO 13006, Group A1_b)

Collection: CHEM-GLAZE – 220x300x30mm (9"x12"x1-3/16")

Surface: Smooth

Colors: Palomino Series; Pumpkin Series Glaze Colors



(“Palomino” Glaze Color shown)

Dimension and flatness	Standard Values	EN / ISO	CHEM-GLAZE™ Vitrified Ceramics
1. Length and Width	± 1.0 %	EN 14411	CHEM-GLAZE™ Vitrified tank tile fulfill / exceed the requirements for dimensional tolerance and flatness according to all relevant DIN / EN / ISO standards.
2. Width	± 1.0 %	EN 14411	
3. Thickness	± 10.0 %	EN 14411	
4. Edge deviation	± 1.0 %	EN 14411	

Physical Properties

1. Water Absorption	max, 3.0%	EN ISO 10545-3	< 0.9 %
2. Modulus of Rupture	min, 20 N/mm ²	EN ISO 10545-4	> 38 N/mm ²
3. Impact Resistance	4,050 N	EN 100	> 5,600 N
4. Linear Coeff. Thermal Expansion	Required	EN ISO 10545-8	4.72E ⁻⁰⁶
5. Hardness (MOH)	6	DIN EN 101	6 - 7
6. Deep Abrasion Resistance	Max, 12cm ³ / 50cm ²	EN ISO 10545-6	5.2cm ³ / 50cm ²
7. Compressive Strength	150 N/mm ²	DIN EN 993-5	> 220 N/mm ²
8. Apparent Porosity (%)	8	EN ISO 10545-3	< 0.7% – 1.1%
9. Resistance to Fire	non-combustible	DIN 4102	Fulfilled
10. Acid Solubility (% wt loss)	Max, 10%	DIN 51 102/2	< 1.0 Gew. %
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 Industrial manufacturing Industries qualifies us to take on your most challenging problems. Blome International materials and engineered solutions are currently employed in many of the most difficult and aggressive environments with outstanding results and unparalleled life-cycle economics. CHEM-GLAZE™ Vitrified Tank 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.