

# Artetech 3200x1600x12mm Technical Specifications

Reference Standard  
Dry Press Ceramic tiles Unglazed porcelain  
stoneware Surface

EN 14411 Appendix  
G GROUP B1a  
UGL

	ISO standard reference	ISO VALUE	Test Result		
			TERRA	LINEA	BASALTINA
Specs Test method					
Length and width: admitted deviation, in %, of the average size of each tile from the production dimensions	ISO 10545-2	CONFORMING	±0,15% ± 2 mm	±0,15% ± 2 mm	±0,15% ± 2 mm
Thickness: average thickness tolerance, in % versus production dimension	ISO 10545-2	CONFORMING	±5 % ± 0,5 mm	±5 % ± 0,5 mm	±5 % ± 0,5 mm
Straightness of edges	ISO 10545-2	CONFORMING	±0,1% ± 1,5 mm	±0,1% ± 1,5 mm	±0,1% ± 1,5 mm
Orthogonality in %	ISO 10545-2	CONFORMING	±0,2% ± 2 mm	±0,2% ± 2 mm	±0,2% ± 2 mm
Flatness (curving in the middle, corner and warping)	ISO 10545-2	CONFORMING	±0,35% ± 2 mm	±0,35% ± 2 mm	±0,35% ± 2 mm
Surface quality	ISO 10545-2	CONFORMING	CONFORMING	CONFORMING	CONFORMING
% Water absorption	ISO 10545-3	E < 0.5%	<0.1%	<0.1%	<0.1%
Rupture force in N	ISO 10545-4	MINIMUM 1,300	>1700	>1700	>1700
Bending strength N/mm2	ISO 10545-4	MINIMUM 35	>40	>40	>40
Resistance to deep abrasion of unglazed tiles	ISO 10545-6	< 175 MM3	< 150 mm3	< 150 mm3	< 150 mm3
Thermal shocks resistant	ISO 10545-9	REQUIRED	RESISTANT	RESISTANT	RESISTANT
Resistance to staining	ISO 10545-14	-	4-5	4-5	4-5
Resistance to high concentrations of acids and alkali	ISO 10545-13	see Manufacturer Declaration	UHA	UHA	UHA
Resistance to low concentrations of acids and alkali	ISO 10545-13		ULA	ULA	ULA
Resistance to house and swimming pool chemicals	ISO 10545-13	MINIMUM B	UA	UA	UA
Frost resistance	ISO 10545-12	REQUIRED	RESISTANT	RESISTANT	RESISTANT