

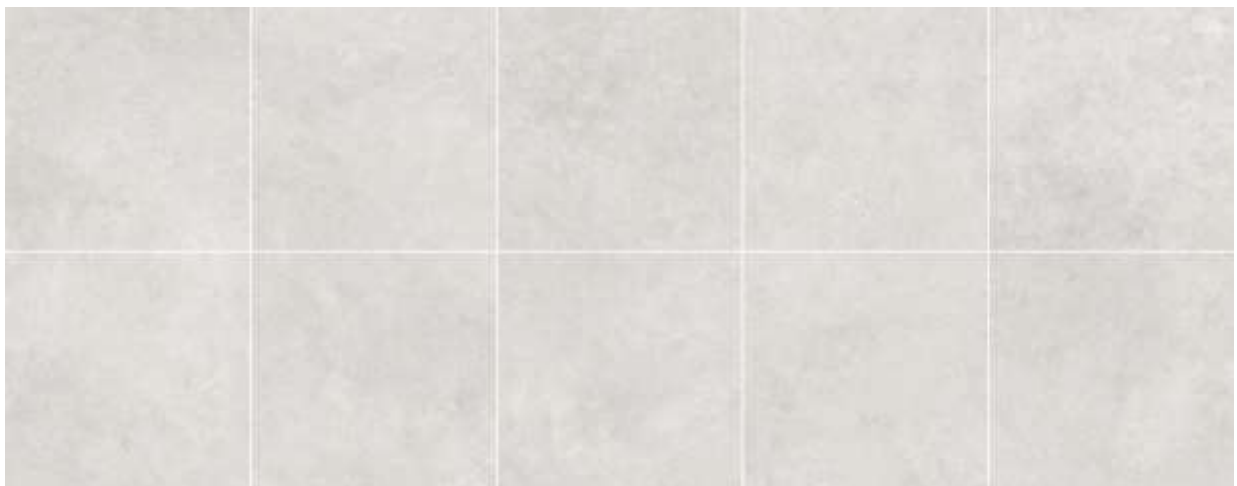
# DesertSand

**Porcelain tiles**

**Sizes: 300\*300, 300\*600, 600\*600, 600\*1200mm**



**Desertsandwhite**







**Desertsandbeige**







**DesertsandDarkTaupe**







**DesertSandGrey**







EN 14411:2016 *Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking*  
Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0,5 \%$ )

Clause	Properties	Test Method	Requirements	Results	Verdicts
<b>A</b>	<b>Dimensions and surface quality</b>				
<b>A.1</b>	<b>Length and Width</b>  The permissible deviation of the average size for each tile (4 sides) from the work size	EN ISO 10545-2:1997	$\pm 0,6\%$	-0.10%~0.07%	P
			$\pm 2,0\text{mm}$	-0.6mm ~0.4mm	P
<b>A.2</b>	<b>Thickness</b>  The permissible deviation, of the average thickness of each tile from the work size thickness	EN ISO 10545-2:1997	$\pm 5\%$	-3.1%~2.1%	P
			$\pm 0,5\text{mm}$	-0.3mm ~0.2mm	P
<b>A.3</b>	<b>Straightness of sides</b>  The maximum deviation from straightness related to the corresponding work sizes	EN ISO 10545-2:1997	$\pm 0,5\%$	-0.01%~+0.01%	P
			$\pm 1,5\text{mm}$	0	P
<b>A.4</b>	<b>Rectangularity</b>  The maximum deviation from Rectangularity related to the corresponding work sizes	EN ISO 10545-2:1997	$\pm 0,5\%$	+0.01%~+0.03%	P
			$\pm 2,0\text{mm}$	+0.1mm~+0.2mm	P
<b>A.5</b>	<b>Surface flatness: The maximum deviation from flatness</b>				
	a) centre curvature, related to diagonal calculated from the work size;	EN ISO 10545-2:1997	$\pm 0,5\%$	-0.03%~0.02%	P
			$\pm 2,0\text{mm}$	-0.2mm	P
	b) edge curvature, related to the corresponding work sizes;	EN ISO 10545-2:1997	$\pm 0,5\%$	-0.05%~0.04%	P
			$\pm 2,0\text{mm}$	-0.3mm~0.2mm	P
	c) warpage, related to diagonal calculated from the work size.	EN ISO 10545-2:1997	$\pm 0,5\%$	-0.02%~0.01%	P
$\pm 2,0\text{mm}$			-0.2mm~0.1mm	P	

EN 14411:2016 Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking  
Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0,5\%$ )

Clause	Properties	Test Method	Requirements	Results	Verdicts
A.6	Surface quality	EN ISO 10545-2:1997	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	100%	P
B	Physical properties				
B.1	Water absorption Percent mass fraction	EN ISO 10545-3:2018	$E_b \leq 0.5\%$	0.07%	P
			Individual maximum 0.6%	0.06% ~ 0.09%	P
B.2	Breaking strength, in N	EN ISO 10545-4:2014	$\geq 1300$	2322	P
B.3	Modulus of rupture, in $N/mm^2$ Not applicable to tiles with breaking strength $\geq 3000N$	EN ISO 10545-4:2014	Minimum 35	42.3	P
			Individual minimum 32	39.3~48.1	P
B.4	Abrasion resistance Resistance to surface abrasion of glazed tiles intended for use on floors	EN ISO 10545-7:1998	Report abrasion class	Class 4	—
			Report cycles passed	2100	—
B.5	Coefficient of linear thermal expansion: from ambient temperature to 100°C	EN ISO 10545-8:2004	Declared value	$6.0 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	—
B.6	Thermal shock resistance	EN ISO 10545-9:2013	Pass	Fully resistance	P
B.7	Crazing resistance: glazed tiles	EN ISO 10545-11:1996	Pass	Fully resistance	P
B.8	Frost resistance	EN ISO 10545-12:1997	Pass	Fully resistance	P
B.9	Slipperiness	DIN 51130:2014	Declared value	$\alpha_{ges} 13,6^\circ$	—
				类别 Classification: R10	—
B.11	Moisture expansion, in mm/m	EN ISO 10545-10:1997	Declared value	0.01	—