






Declaration of performance: 2013-1

VO (EU) No. 305/2011 of March 2011

V&B Fliesen GmbH – Rotensteiner Weg – 66663 Merzig

**EN 14411:2012 - Annex G “Requirements for dry-pressed ceramic tiles and plates with low water absorption, group BI<sub>a</sub> (E<sub>b</sub> ≤ 0.5%)”**

<b>Scope:</b>	  	<p>Relevant clauses for ceramic tiles used for floorings for internal and external floorings, including stair treads in buildings and industrial buildings</p> <p>Relevant clauses for ceramic tiles used for walls for internal and external walls for buildings and industrial buildings</p>
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**Declared performance:**

Main characteristics	performance	harmonized technical specification	
Fire behaviour	Class A1 / A1 <sub>FL</sub>	EN 14411: 2012	
Breaking strength in N	$\geq 1300$ N (Tile strength $\geq 7,5$ mm) $\geq 700$ N (Tile strength $< 7,5$ mm)	EN 14411: 2012	
<b>Durability for</b>			
- indoor application	passed	EN 14411: 2012	
- outdoor application Freeze-thaw-cycles resistance	passed		
Tactility ***	No performance determined	Tested in accordance with CEN/TS 15209:2008	
<b>Composite strength / Adhesion</b>			
- cementitious mortar Type C2	$\geq 1,0$ N/mm <sup>2</sup>	EN 12004:2017; 4.1	
- dispersion adhesives	$\geq 1,0$ N/mm <sup>2</sup>	EN 12004:2017; 4.2	
- Reaction resin adhesives	$\geq 2,0$ N/mm <sup>2</sup>	EN 12004:2017; 4.3	
- Mortar	No performance determined	Not testing	
Thermal shock resistance	passed	EN 14411: 2012	
Anti-Slip resistance **	Ramp test	Tested in accordance with CEN/TS 16165:2016	
			shoes 0° - > 35° Barefoot 0° - > 24°
	Pendulum friction test-PTV		0 – 36+
	Friction coefficient with GMG 200	0 - >45μ	
<b>Lead and cadmium release</b>			
- Cadmium	No performance determined	EN 14411: 2012	
- Lead			
- other			
<p>** Only necessary when required by corresponding national statutory regulations; for product-specific data see technical information in our V&amp;B product range overview</p> <p>*** (only for tactile floorings, meaning if requested for blind and visually impaired): as a description of the surface</p>			

