


Declaration of performance

Regulation (EU) no. 305/2011 of 9 March 2011
No.: 2013-2

Product type identification:	Dry-pressed ceramic tiles with water absorption $0.5\% \leq E_b \leq 3\%$
Use:	for internal and external floorings, including stair treads in buildings and industrial buildings for internal and external walls for buildings and industrial buildings
Trader:	V&B Fliesen GmbH Rotensteiner Weg D-66663 Merzig
Assessment system:	System 4
Harmonized norm for construction products:	DIN EN 14411:2016



Declared performance:

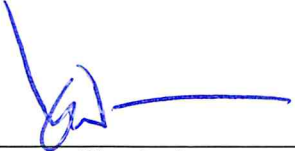
Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Class A1 / A1 _{FL}	Without testing
Breaking strength in N	> 1100 N (Tile strength $\geq 7.5\text{mm}$) > 700 N (Tile strength $< 7.5\text{mm}$)	EN 14411: 2016
Durability for:		
- Internal use:	Pass	EN 14411: 2016
- External use: freeze-thaw resistance	Pass	
Tactility ***	No performance determined	Tested in accordance with CEN/TS 15209:2008
Bond strength / Adhesion for:		
- Cementitious adhesives, type C2	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2017; 4.1
- Dispersion adhesives	$\geq 1.0 \text{ N/mm}^2$	EN 12004:2017; 4.2
- Reaction resin adhesives	$\geq 2.0 \text{ N/mm}^2$	EN 12004:2017; 4.3
- Mortar	No performance determined	Without testing
Thermal shock resistance	Pass	EN 14411: 2016
Slip resistance **	No performance determined	Tested in accordance with CEN/TS 16165:2016
Release of dangerous substances, for:		
- Cadmium *	No performance determined	Without testing
- Lead *		
- VOC ****	A+	EN ISO 16000-6:2012
<p>* Only necessary in the case of materials that come into contact with foodstuffs or when required by corresponding national statutory regulations</p> <p>** Only necessary when required by corresponding national statutory regulations; for product-specific data see technical information in our V&B product range overview</p> <p>*** Only for tactile paving surfaces, i.e. when required for blind or vision-impaired persons: as a description of the surface</p> <p>**** For France only </p>		

The performance of the product is in conformity with the performance declared above. This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Merzig, 26.06.2017
(Place and date of issue)

Tom Waltasaari, General Manager
(Name and function)


(Signature)