

Declaration of Performance

Nr. 0001-12

1. **Product type** for identification: KeraTwin® "extruded ceramic tiles, precision, with medium water absorption of $3\% < E \leq 6\%$, Group All_a - part 1, Annex B, glazed (GL) and unglazed (UGL)" (Split tile)
2. **Intended use:** for floor and wall coverings in indoor and outdoor areas
3. **Manufacturer:** Deutsche Steinzeug Cremer & Breuer AG,
Servaisstraße 11-31, 53347 Alfter-Witterschlick
4. **Authorized representative** in charge of the tasks specified in Article 12, section 2: -----
5. **System of assessment and verification of constancy of performance** of the construction product as set out in Annex V: System 4
6. **Declared performance:**

Essential characteristics	Leistung	Harmonisierte techn. Spezifikation
Behaviour in fire	A1 _{FL}	EN 14411: 2012
Delivery of dangerous substances:		
- Cadmium	NPD	EN 14411: 2012
- Lead	NPD	EN 14411: 2012
- others	NPD	EN 14411: 2012
Durability in the case of:		
- Applications in indoor areas	Passed	EN 14411: 2012
- Applications in outdoor areas: Resistance to frost-thaw alternations	Passed	EN 14411: 2012
Breaking strength KeraTwin® K20	Visible face in Bending pressure / tensile zone	EN 14411: 2012 DIN EN ISO 10545-4
200mm:	≥ 3180N/≥3620N	
250mm:	≥ 2928N/≥3632N	
300mm:	≥ 3280N/≥3400N	
400mm:	≥ 3160N/≥3590N	
500mm: 600mm:	≥ 3200N/≥3200N ≥ 3200N/≥3200N	
KeraTwin® K15 KeraTwin® K18	≥ 2500N/≥2500N ≥ 3300N/≥3300N	EN 14411: 2012 DIN EN ISO 10545-4
Tactility	NPD	EN 14411: 2012
Bond strength / adhesive strength:		
-- Mortars containing cement, type C2	0,5 N/mm ²	EN 14411: 2012
- Dispersion adhesives	NPD	EN 14411: 2012
- Reaction resin adhesives	NPD	EN 14411: 2012
- Mortars	NPD	EN 14411: 2012
Thermal shock resistance	Passed	EN 14411: 2012

7. The performance of the product identified in point 1 is in conformity with the declared performance in point 6.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.
Signed for and on behalf of the manufacturer by:

Dr. Thomas Hammer (Executive Vice President), Daniel Schreiner (Head of Product Management)

(name and function)

Alfter – Witterschlick, 1st January 2018

place and date of issue)


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