

Declaration of Performance

Nr. 0001-17

1. **Product type** for identification: KeraShape® "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)"
KeraShape® "extruded ceramic tiles, precision, with medium water absorption of $6\% < E \leq 10\%$, Group All_b - part 1, Annex D, glazed (GL) and unglazed (UGL)"
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	Performance	Harmonized technical specification
Behaviour in fire	A1	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
Modulus of rupture KeraShape®	Minimum 20 N/mm ² Individual Minimum 18 N/mm ²	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)

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(name and function)

Alfter – Witterschlick, 14th August 2019

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(place and date of issue)

Deutsche Steinzeug Cremer & Breuer AG

Postfach 25 40, D-53015 Bonn

Servaisstraße, D-53347 Alfter-Witterschlick

Telefon: +49 (0) 228 391-0

Telefax: +49 (0) 228 391-301006

E-Mail: Info@deutsche-steinzeug.de

Webseite: www.deutsche-steinzeug.de