

Declaration of Performance

No. 0001-09

1. **Product type** for identification: "extruded ceramic tiles, precision, with low water absorption of $0.5\% \leq E \leq 3\%$, Group A_b, Annex A, glazed (GL) and unglazed (UGL)" (Stoneware tile)
2. **Intended use:** for facade claddings 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	A _{1FL}	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	Tile thickness < 7.5mm: > 600N Tile thickness ≥ 7.5mm: > 1100N > 30 N/mm ²	EN 14411: 2012
Modulus of rupture		
Non-slip properties		EN 14411: 2012
CEN/TS 16165 Annex A; DIN 51131	See catalogue / see packaging	
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. Michael Stauf (Head of Human Resources & Legal Department), Daniel Schreiner (Head of Product Management)

(name and function)

Alfter-Witterschlick, 7th May 2014

(place and date of issue)

DEUTSCHE STEINZEUG
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(signature)

