

Declaration of performance

No. 0001-12

KeraTwin®

1. **Unique identification code of the product type:**
(Product type for identification:) "extruded ceramic tiles, precision, with mean water absorption $3\% < E \leq 6\%$, group All_a - part 1, glazed (GL) and unglazed (UGL)"
(Product group according to EN 14411: All_a - part 1
"extruded ceramic tiles, precision, with medium water absorption of $6\% < E \leq 10\%$, Group All_b - part 1, glazed (GL) and unglazed (UGL)"
(Product group according to EN 14411: All_b - part 1
2. **Intended use or intended uses:**
(Intended use:) For facades- wall coverings in indoor and outdoor areas
3. **Manufacturer:** DEUTSCHE STEINZEUG Solar Ceramics GmbH,
Servaisstraße 9, D-53347 Alfter – Witterschlick, Germany
4. **System or systems for evaluation and verification of constancy of performance:**
(System for evaluation and verification of constancy of performance of the construction product as set out in Annex V:) System 4
5. **Harmonised standard:** DIN EN 14411 (2012)
6. **Declared performance(s)**

Essential characteristics	Performance
Fire behaviour	A1
Release of hazardous substances:	
- Cadmium	NPD / no performance determined
- Lead	NPD / no performance determined
- Others	NPD / no performance determined
Durability in the case of:	
- Applications in indoor areas	Passed
- Applications in outdoor areas: Frost-thaw resistance	Passed
Modulus of rupture	minimum 20 N/mm ² individual Minimum 18 N/mm ²
Bond strength / adhesive strength:	
Mortars containing cement, type C2	0.5 N/mm ²
Dispersion adhesives	NPD / no performance determined
Reaction resin adhesives	NPD / no performance determined
Mortars	NPD / no performance determined
Thermal shock resistance (outdoor)	Passed

7. The performances of the above-mentioned product correspond to the declared performances. This declaration of performance has been drawn up in accordance with Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer indicated above.

Signed for and on behalf of the manufacturer by:
Norbert Schäfer (Chief Executive Officer), Peter Heinevetter (Chief Executive Officer)

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(name and function)

Alfter – Witterschlick, October 1st, 2024

.....
(place and date of issue)


.....
(signature)
Deutsche Steinzeug
Solar Ceramics GmbH
Servaisstraße 9
53347 Alfter-Witterschlick