

Declaration of performance

Nr. 0001-19

1. Unique identification code of the product type: **KeraTwin K20® Kit – Ventilated façade system with KeraTwin K20® ceramic cladding and associated products**

2. Intended use or intended uses: **Kits for external wall claddings, mechanically fixed consisting of:**

- Cladding element - ceramic facade tiles KeraTwin® according EN 14411
- Cladding fixing – single clamps and double clamps hooks and double hooks
- Subframe - e.g. aluminium T-profiles

3. Manufacturer: **Agrob Buchtal Solar Ceramics GmbH, Buchtal 1, D-92521 Schwarzenfeld, Germany**

4. Systems of assessment and verification of constancy of performance of the construction product
To the cladding kit:

System 2+

To the cladding kit with ceramic tiles with respect to reaction to fire

System 4

5. European Assessment Document serving as reference:
EAD 090062-01-0404 as of October 2021

Number and date of issue of the European Technical Assessment:
ETA-23/0117 dated March 28, 2025

Technical Assessment Body issuing the European Technical Assessment:
Deutsches Institut für Bautechnik DIBt

Notified monitoring body:
Institut für Fassaden- und Befestigungstechnik IFBT GmbH – NB 1109

Certificate of conformity:
No. 1109-CPR 24-005-1/0 dated August 5, 2025

6. Declared performances

Safety in case of fire (BWR 2)

Reaction to fire of the cladding elements (ceramic tiles), of the aluminium profiles (subframe) and of the metallic fixings	Class A1 accord. to EN 13501-1
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Hygiene, health and the environment (BWR 3)

Release scenario regarding BWR 3	S/W2
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Safety and accessibility in use (BWR 4)

Bending strength (according EN 14411)	20 N/mm ² (average minimum) 18 N/mm ² (individual minimum)
Resistance of grooves	490 N (characteristic value) 535 N (mean value)
Resistance of clamp holes	732 N (characteristic value) 815 N (mean value)
Further specific performance characteristics can be found in ETA-213/0117 and its annexes.	

Protection against noise (BWR 5)

Airborne sound insulation	Not assessed
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Energy economy and heat retention (BWR 6)

Thermal resistance	Not assessed
Freeze-thaw resistance	Not assessed 1
1 passed acc. EN 14411 (DoP for the ceramic tiles)	

The provisions are based on an assumed working life of at least 25 years for the KeraTwin K20® kit. The indication given on working life cannot be interpreted as a guarantee given by the manufacturer, but should only be regarded as a means for choosing the right products with regard to the expected economically reasonable service life of the works.

The KeraTwin K20® kit consists of non-load-bearing construction elements.

The kit should be assembled in accordance with the general criteria and recommendations in ETA-23/0117 and the manufacturer's recommendations.

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

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

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(name and function)

Alfter – Witterschlick, August 12, 2025

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(place and date of issue)


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(signatures)