

DECLARATION OF PERFORMANCE

NO. KWBFH-K685WDF-001



01. Unique identification code of the product-type
HD-Facing bricks category I,
215 x 102,5 x 65 mm

02. Item number
K685WDF

03. Intended use
For structural or non-structural elements in
unprotected or protected masonry

04. Manufacturer
Klinkerwerk B. Feldhaus GmbH & Co.
Nordring 1, 49196 Bad Laer, Germany

05. Not applicable

06. System 2+

07. The notified body for the factory production control
No. 0854 has performed the initial inspection of
the factory and the factory production control
as well as the continuous monitoring, evaluation and
assessment of the factory production control and
issued the certificate of conformity of the factory
production control No. 0854-CPD-044.

08. Not applicable

09. Declared performance

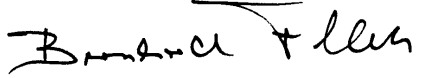
| Essential characteristics | | Performance | Harmonised technical specification | |
|--|--|--------------------------------------|------------------------------------|---------------|
| Work size | Length/Width/Height [mm] | 215/102/65 | EN 771-1:2011 | |
| Limit deviations | Mean value | Class | | T_m |
| | | Length | | -9 mm, + 4 mm |
| | | Width | | ± 5 mm |
| | | Height | | ± 3 mm |
| Dimensional range | Class | Class | | R_m |
| | | Length | | 9 mm |
| | | Width | | 5 mm |
| | | Height | | 4 mm |
| Shape according to para. 5.3.2 | | c) | | |
| Compressive strength | Category | I | | |
| | Mean value [N/mm ²] | ≥ 44 | | |
| | Stress direction | perpendicular to the bed joint | | |
| Common hygroexpansivity | | NPD | | |
| Compound strength [N/mm ²] | | Tabulated value according to annex C | EN 998:2010 | |
| Content of active soluble salts | Class | S2 | EN 771-1:2011 | |
| Reaction to fire | Euroclass | A1 | | |
| Water absorption [Mass-%] | | ≤ 6 | | |
| Water vapour permeability μ | | 50/100 | EN 1745:2012 | |
| Gross dry density | Mean value [kg/m ³] | 1550 | EN 771-1:2011 | |
| | Deviation class | D2 | | |
| | Form, shape, measurements and tolerances | see above | | |
| Net dry density | Mean value [kg/m ³] | 2350 | | |
| | Deviation class | D2 | | |
| Thermal conductivity [W/(m·K)] | | NPD | | |
| Durability | Class | F2 | | |
| Hazardous substances | | annex ZA 3 | | |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Bad Laer: June 20, 2013


Bernhard Feldhaus, Managing Director

