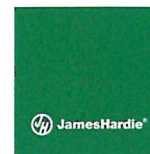


DECLARATION OF PERFORMANCE



UK

AESTUVER® Fire-Protection Board

Nr. FC-0003

- | | |
|---|--|
| 1. unique identification code of the product type | FC-0003 |
| 2. purpose of use | Cement-bonded reinforced lightweight concrete boards for preventive fire protection |
| 3. manufacturer | James Hardie Europe GmbH
Bennigsen- Platz 1
D-40474 Düsseldorf
Tel. +49 800 3864001
E-Mail fermacell@jameshardie.de |
| 5. system(s) for assessment and verification of constancy of performance | System 1 |
| 6. European Assessment Document
European technical evaluation
Technical assessment body
Notified body(ies) | EAD350142-00-1106
ETA 11/0458
Deutsches Institut für Bautechnik, Berlin
MFGA Leipzig (NB 0800) |

7. Declared performance

BWR2

Essential feature	Performance
Reaction to fire	A1
Fire resistance	R15 to R240 RE120 REI 30

BWR3

Essential feature	Performance
Water impermeability	pass
Content of dangerous substances	Not included

General aspects

Essential feature	Performance
Durability	Category Typ X

BWR4

Essential feature	Performance
Flexural strength	≥ 3,0 MPa (≥15mm) ≥ 2,0 MPa (≥30mm) ≥ 1,5 MPa (60mm)
Dimensional stability	length +0,3 -0,4 mm/m thickness ±0,1%
Tensile strength (vertical)	≥ 0,8 MPa
Tensile strength (parallel)	≥ 1,5 MPa
Compressive strength	≥ 9,3 MPa

BWR6

Essential feature	Performance
Thermal conductivity	NPD
Water vapour diffusion resistance μ	36 (10mm) 25 (15mm) 54 (20mm)

The performance of the above product corresponds to the declared performance(s). The manufacturer mentioned above is solely responsible for the preparation of the declaration of performance in accordance with Regulation (EU) No. 305/2011.

Signed for the manufacturer and on behalf of the manufacturer of:

Düsseldorf, 01.01.2020

Dr. Jörg Brinkmann (CEO)

