

DECLARATION OF PERFORMANCE



UK

fermacell® Gypsum Fibreboards

Nr. FC-0001

1. unique identification code of the product type

FC-0001

2. purpose of use

Gypsum fibreboards for cladding and lining building components

3. manufacturer

**James Hardie Europe GmbH
Bennigsen- Platz 1
D-40474 Düsseldorf
Tel. +49 800 3864001
fermacell@jameshardie.de**

5. system(s) for assessment and verification of constancy of performance

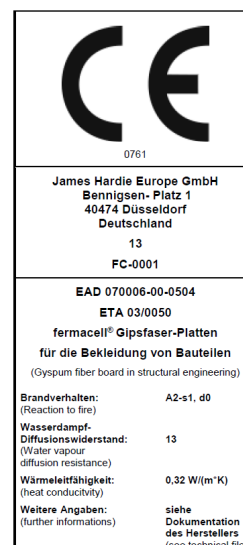
System 3

6. European Assessment Document
European technical evaluation
Technical assessment body

**EAD 070006-00-0504
ETA-03/0050
Deutsches Institut für Bautechnik, Berlin
Materialprüfanstalt für das Bauwesen Braunschweig (0761-CPR)**

Notified body(ies)

7. Declared performance



BWR1

Essential feature	Performance
flexural strength	≥ 5,8N/mm ² thickness dependent
Shear strength	thickness dependent
Compressive strength	≥ 7,3 Thickness dependent
Tensile strength	thickness dependent
Bulk density	1000-1250 kg/m ³
Length and width	≥500mm +0/-4
Thickness	10-30mm ±0,2
Dimensional accuracy	Typ C1
Creep and duration of load	k _{def,Nkl.1} =3 k _{def,Nkl.2} =4
Surface strength	Typ GF-I
Intradors strength	thickness dependent
Head pull-through resistance	thickness dependent
Structure and cohesion of the core at high temperature	Typ F
Static ductility	thickness dependent

BWR2

Essential feature	Performance
Reaction to fire	A2-s1,d0

BWR3

Essential feature	Performance
Water vapour diffusion resistance	μ=13
Waterabsorption of the surface	GF-W2

BWR4

Essential feature	Performance
Hard body impact	11mm/mm board thickness


BWR6

Essential feature	Performance
Thermal conductivity	λ≤0,32W/mK

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, 01.08.2022


 Andreas Böttger (CEO)

