

# DECLARATION OF PERFORMANCE



UK

## fermacell® Flooring Elements MF

**Nr. FC-0025**

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|---|--|
| 1. unique identification code of the product type   | <b>FC-0025</b>   |
| 2. purpose of use   | <b>Gypsum based dry flooring Elements with mineral wool Insulation for indoor use</b>  |
| 3. manufacturer   | <b>James Hardie Europe GmbH<br/>Bennigsen- Platz 1<br/>D-40474 Düsseldorf<br/>Tel. +49 800 3864001<br/>E-Mail fermacell@jameshardie.de</b> |
| 5. system(s) for assessment and verification of constancy of performance  | <b>System 3<br/>System 1 (reaction to fire)</b>  |
| 6. European Assessment Document<br>European technical evaluation<br>Technical assessment body<br>Notified body(ies) | <b>EAD 190013-00-0502<br/>ETA 18/0723<br/>Deutsches Institut für Bautechnik, Berlin<br/>KIWA B.V. (NB 0620)</b>                            |
| 7. Declared Performance   |  |

Essential feature	Performance
length width thickness	1200-1500mm ± 1mm 500-600mm ± 1mm EE 20 MW10: 2*10+10mm ± 3mm EE 25 MW10: 2*12,5+10mm ± 3mm EE 25 MW20: 2*12,5+20mm ± 3mm
Mass per unit area	EE 20 MW10: 25 kg/m <sup>2</sup> ±5% EE 25 MW10: 30 kg/m <sup>2</sup> ±5% EE 25 MW20: 33 kg/m <sup>2</sup> ±5%
reaction to fire	A2 <sub>n</sub> -s1
Bending tensile strength gypsum fibre board	≥ 4 N/mm <sup>2</sup>
Dynamic stiffness of the insulating material (s')	MW 10: ≤35 MN/m <sup>3</sup> MW 20: ≤55 MN/m <sup>3</sup>
thermal conductivity	Gypsum fibre λ: 0,32 W/mK Insulation λ <sub>D</sub> : 0,04 W/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, 01.01.2019

Dr. Jörg Brinkmann (CEO)

