

DECLARATION OF PERFORMANCE



fermacell Powerpanel H20 Nr. FC-0002

1. Unique identification code of the produkt-type **FC-0002**
2. Intended use
Cement-bound reinforced concrete slabs as building panels for non-load-bearing internal partitions, for walls and ceilings indoors and outdoors, and as a dry underfloor
3. Manufacturer
**Fermacell GmbH
Düsseldorfer Landstraße 395
D-47259 Duisburg
Tel. +49 800 5235665
Fax +49 800 5356578
E-Mail info@xella.com**
5. System of assesement and verification of constancy of performance
**System 3 (fire behavior)
System 4**
6. European Assessment Document
European technical evaluation
Technical evaluation body
Notified body
**CUAP 05.04/07
ETA 07/0087
Deutsches Institut für Bautechnik, Berlin
MPA Braunschweig (0761-CPR)
WKI Fraunhofer- Institut (0765)**
7. Declared performance

Essential Characteristics	Performance	Essential Characteristics	Performance
fire behavior	A1 K10	Water vapor diffusion resistance factor	56
dry bulk	900-1100 kg/m ³	thermal conductivity	0,173 W/mK
flexural strength	≥ 6,0 N/mm ²	moisture resistance	Kategorie A,B,C,D
Flexural modulus of elasticity	Ø 5500N/mm ²	durability	Kategorie A
transverse tensile strength	0,20 N/mm ²	impermeability	Kategorie A,B,D
shock resistance	11,9 mm/mm Platten-dicke	thickness	10-15mm ±1mm
soundproofing	NPD	moisture content	≤5%

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

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

Duisburg, 01.09.2017

Dr. Jörg Brinkmann (CEO)