

Declaration of Performance

According to Annex III of Regulation (EU) No. 305/2011

DOP-B-01-001 V02 



Unique identification code of the product-type:

Cellulose insulation material according to ETA-05/0226
 isofloc LM swissfloc
 isofloc L isofloc eco
 isofloc L+ isofloc neo
 isofloc LW easyfiber
 isofloc CelluBOR SW

Intended use/es:

insulation of walls, ceilings / floors and roofs with application at the place of use. The processing is carries out in dry conditions or under the addition of water.

Manufacturer:

isofloc AG, Soorpark, CH-9606 Bütschwil
www.isofloc.swiss

System or systems of assessment and verification:

AVPC System 1 (reaction to fire)+ AVPC System 3 (other characteristics)

European evaluation document:

EAD 0401398-01-1201

European Technical Approval:

ETA-05/0226 : 05.06.2018

Technical assessment body:

Deutsches Institut für Bautechnik /DIBt), D-10829 Berlin

Notified product certification body:

Materialprüfungsamt Nordrhein-Westfalen(MPA NRW) - Nr. 0432

Declared performance:

Table 1

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire · From 30 to 60 kg/m ³ , thickness ≥ 100 mm on or between: · Board ≥ 510 kg/m ³ , class A1 or A2-s1, d0 or · Derived timber material boards ≥ 12 mm (± 2 mm), 510 kg/m ³ · from 30 - 60 kg/m ³ , thickness ≥ 40 mm	· B-s2, d0 · E	ETA-05/0226: 05.06.2018
Resistance to biological action (EAD, attachment B) / isofloc eco	0 / 1	
Declared value of thermal conductivity λ _D	0,038 W/(m·K)	
Conversion for the humidity according to EN ISO 10456: · Mass-related moisture content at 23°C/50% r.h. · Mass-related moisture content at 23°C/80% r.h. · Mass-related moisture conversion coefficient dry to 23,50 · Mass-related moisture coefficient 23,50 to 23,80 · Moisture conversion factor dry to 23,50 · Moisture conversion factor 23,50 to 23,80	u _{23,50} = 0,08 kg/kg u _{23,80} = 0,13 kg/kg f _{u1} = 0,20 f _{u2} = 0,26 F _{m1} = 1,02 F _{m2} = 1,02	
Water vapour diffusion resistance factor μ	1 – 2	
Water absorption	NPD	
Corrosion-developing capacity according to EN 15101-1, attachment E	CR - passed	
Settlement · Under impact excitation in vase of free placing (ceiling/between beams) · Under vibration in wall cavity and between beams · Under defined climatic conditions	≤ 10 % (≥ 30 kg/m ³) SC0 (≥ 45 kg/m ³) NPD	
Critical moisture content	NPD	
Air flow resistance	≥ 5,0 kPa·s/m ² (at 30 kg/m ³)	
Hygroscopic sorption properties	NPD	

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Michel Alder 9606 Bütschwil, Switzerland
 Manager 31.10.2023

(Name, function)

(Place and date)

(Signature)

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