

Declaration of performance

No. 010-002

1. Identification code
best wood FIBRE
2. Application
Thermal insulation of buildings
3. Manufacturer
**Holzwerk Gebr. Schneider GmbH,
Kappel 28
88436 Eberhardzell**
4. Authorized person
Not relevant
5. System for assessment and verification of the constancy of performance
System 3
6. European Assessment Document
EAD 040138-001201
European Technical Assessment
ETA-16/0954
Notified body
MPA NRW 0432
7. Declared performances

Essential characteristics	Performance		Harmonised technical specification
Reaction to fire	Class	E	ETA-16/0954
Resistance to growth of mould	Valuation level	0	
Thermal conductivity	Closed cavities $\rho = 35-45 \text{ kg/m}^3$	λ_D 0.039 W/m*K	
	Open blown $\rho = 25-34 \text{ kg/m}^3$	λ_D 0.041 W/m*K	
Water vapor permeability	Water vapor transmission	MU1-2	
Metal corrosion		NPD	
Settling under impact excitation	$\rho \geq 30 \text{ kg/m}^3$, thickness $\leq 300 \text{ mm}$	$\leq 15\%$	
Settling under vibration in cavity	$\rho \geq 35 \text{ kg/m}^3$, thickness $\leq 240 \text{ mm}$	SC 0	
Settling under defined climatic conditions	$(40 \pm 2)^\circ\text{C}/(90 \pm 5) \text{ r.hum.}$ $\rho \geq 25 \text{ kg/m}^3$	$\leq 15\%$	
Critical moisture content		NPD	
Airborne sound insulation level	Flow resistance	AFr5	
Hygroscopic sorption properties		NPD	

NPD: No performance determined

8. The performance of the above product fulfils the declared performance. The above mentioned manufacturer has the sole responsibility for the preparation of the declaration of performance in accordance with the regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

Ferdinand Schneider
Managing director
Eberhardzell, 21/05/2024

