

Declaration of Performance for the construction product **best wood FLEX 50**

0	Number	001 - 002		
1	Identification code	8001 - Flex 50		
2	Charge number	is given on the product identification		
3	Intended use	thermal insulation of buildings		
4	Manufacturer	Holzwerk Gebr. Schneider GmbH, Kappel 28, 88436 Eberhardzell		
5	Authorized person	no authorized person		
6	System of assessment	System 3		
7	Base of the DoP	DIN EN 13171 initial test according to Annex C DIN EN 13172 by the notified body MPA Stuttgart 0672		
8	Declared performances	Essential characteristics	Performance	Harmonized technical specification
		Fire resistance	E	DIN EN 13501
		Specified sizes (length/width/ thickness)	according to the declarations on the label	
		Limiting dimension	T2	
		Compression strength	not relevant to exam	
		Tensile strength vertically to the board	not relevant to exam	
		Density kg/m ³	50	
		Thermal conductivity λ_0 W/(m·K)	0,038	DIN EN13171
		Thermal resistance R_0 (m ² K/W)	according to the indication on the label	
		Absorption of water	not relevant to exam	
		Water vapor permeability μ	1-2	
		Denomination of the dimensional stability at 70°C	not relevant to exam	
		Sound absorption coefficient	not relevant to exam	
		Dynamic stiffness	not relevant to exam	
10	Responsibility	Eberhardzell 1-Dec-2016 Ferdinand Schneider		