

# Declaration of Performance

## DoP-Nr.: 4022

1.	Unique identification code of the product-type	BauderPIR BauderPIR FA Gefaelle Laminator-01
2.	Intended use/es	Thermal insulation for buildings
3.	Manufacturer	Paul Bauder GmbH & Co. KG, Korntaler Landstrasse 63, 70499 Stuttgart, Germany
4.	System/s of AVCP	AVCP-System 3
5.	Harmonised standard Notified body	EN 13165:2012 +A2:2016 FIW München, 0751

### 6. Declared performance

Essential characteristics		Performance	Harmonized technical specification	
Thermal resistance	Thermal resistance	--	EN 13165:2012 +A2:2016	
	Thermal conductivity	dN = 20 - 240 mm: $\lambda_D = 0,022 \text{ W/m}^2\text{K}$		
	Thickness	dN = 20 - 240 mm, tapered product		
Reaction to fire		E	EN 13501-1	
Durability of reaction to fire against heat, weathering, ageing/degradation		The fire performance of PU does not deteriorate with time.		
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance	--	EN 13165:2012 +A2:2016	
	Thermal conductivity	dN = 20 - 240 mm: $\lambda_D = 0,022 \text{ W/m}^2\text{K}$		
	Durability characteristics	NPD		
	Dimensional stability	DS(70,90)3 DS(-20,-)2		
	Deformation under specified compressive load and temperature conditions	NPD		
Determination of the aged value of thermal resistance and thermal conductivity	dN = 20 - 240 mm: $\lambda_D = 0,022 \text{ W/m}^2\text{K}$			
Compressive strength	Compressive stress	CS(10\Y)120		
Tensile/flexural strength	Tensile strength perpendicular to faces	TR40		
Durability of compressive strength against ageing/degradation		NPD		
Water permeability	Short term water absorption	NPD		
	Flatness after one sided wetting	NPD		
Water vapour permeability		NPD		
Acoustic absorption index		NPD		
Release of dangerous substances to the indoor environment		NPD		
Continuous Glowing combustion		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 305/211, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Mark Bauder  
Managing Director  
Stuttgart, 17.05.2018