

Declaration of Performance

DoP-Nr.: 96110033

1.	Unique identification code of the product-type	BauderPIR T Gefälle - 03
2.	Intended use	Thermal insulation for buildings
3.	Manufacturer	Paul Bauder GmbH & Co. KG, Komtaler Landstrasse 63, 70499 Stuttgart, Germany
4.	System of AVCP	AVCP-System 3
5.	Harmonized standard Notified body	EN 13165:2012+A2:2016 FIW München, 0751

6. Declared performance

Essential characteristics		Performance	Harmonized technical specification
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.	EN 13165:2012+A2:2016
Thermal resistance	Thermal resistance Thermal conductivity	- $d_N < 80 \text{ mm}: \lambda_D = 0,026 \text{ W/m}^2\text{K}$ $d_N = 80 \text{ mm} \leq d_N < 120 \text{ mm}: \lambda_D = 0,025 \text{ W/m}^2\text{K}$ $d_N \geq 120 \text{ mm}: \lambda_D = 0,024 \text{ W/m}^2\text{K}$	
	Thickness	$d_N = 20 - 400 \text{ mm}$, sloping product	
Durability of thermal resistance against heat, weathering, ageing/ degradation	Thermal resistance Thermal conductivity	- $d_N < 80 \text{ mm}: \lambda_D = 0,026 \text{ W/m}^2\text{K}$ $d_N = 80 \text{ mm} \leq d_N < 120 \text{ mm}: \lambda_D = 0,025 \text{ W/m}^2\text{K}$ $d_N \geq 120 \text{ mm}: \lambda_D = 0,024 \text{ W/m}^2\text{K}$	
	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	$d_N < 80 \text{ mm}: \lambda_D = 0,026 \text{ W/m}^2\text{K}$ $d_N = 80 \text{ mm} \leq d_N < 120 \text{ mm}: \lambda_D = 0,025 \text{ W/m}^2\text{K}$ $d_N \geq 120 \text{ mm}: \lambda_D = 0,024 \text{ W/m}^2\text{K}$	
Compressive strength	Compressive stress	CS(10)Y120	
Durability of compressive strength against ageing/ degradation		NPD	
Tensile/flexural strength	Tensile strength perpendicular to faces	TR100	
Water permeability		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

Mark Bauder
Geschäftsführer
Stuttgart, 01.03.2020