

# Declaration of Performance

No.: 010-LICPR-191001

1.	Unique identification code of the product type	LINIREC Konstruktionsbauplatte
2.	Type, batch or serial number for the identification of the construction product as required under Article 11 paragraph 4 of EU BauPVO	See label on product
3.	Intended use	Thermal insulation for buildings
4.	Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11 paragraph 5	LINITHERM Dämmsysteme Linzmeier Bauelemente GmbH Industriestr. 21 88499 Riedlingen, Germany T +49 (0)7371 1806-0 F +49 (0)7371 1806-96 Info@Linzmeier.de www.Linzmeier.de
5.	Where applicable, name and address of the authorised representative whose mandate covers the tasks specified in Article 12 paragraph 2.	--
6.	System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V of EU BauPVO	System 3
7.	European technical evaluation	ETA-18/604
	Institution	Deutsches Institut für Bautechnik (DIBt) Kolonnenstraße 30 B, DE-10829 Berlin
	Notified body	0751 FIW München

## 8. Declared performance

Essential characteristics		Performance		Harmonised technical specification																				
Thermal resistance	Thermal resistance	Table1: <table border="1"> <thead> <tr> <th>Nominal thickness <math>d_N</math> [mm]</th> <th><math>R_D</math> [<math>m^2K/W</math>]</th> <th>Nominal thickness <math>d_N</math> [mm]</th> <th><math>R_D</math> [<math>m^2K/W</math>]</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>0,20</td> <td>60</td> <td>0,70</td> </tr> <tr> <td>30</td> <td>0,35</td> <td>70</td> <td>0,75</td> </tr> <tr> <td>40</td> <td>0,45</td> <td>80</td> <td>0,90</td> </tr> <tr> <td>50</td> <td>0,55</td> <td></td> <td></td> </tr> </tbody> </table>		Nominal thickness $d_N$ [mm]	$R_D$ [ $m^2K/W$ ]	Nominal thickness $d_N$ [mm]	$R_D$ [ $m^2K/W$ ]	20	0,20	60	0,70	30	0,35	70	0,75	40	0,45	80	0,90	50	0,55			Not applicable
	Nominal thickness $d_N$ [mm]	$R_D$ [ $m^2K/W$ ]	Nominal thickness $d_N$ [mm]	$R_D$ [ $m^2K/W$ ]																				
20	0,20	60	0,70																					
30	0,35	70	0,75																					
40	0,45	80	0,90																					
50	0,55																							
Thermal conductivity	$d_N \leq 40\text{mm}$ : $\lambda_D = 0,083 \text{ W/m}^2\text{K}$ $d_N > 40\text{mm} \leq 60\text{mm}$ : $\lambda_D = 0,085 \text{ W/m}^2\text{K}$ $d_N > 60\text{mm}$ : $\lambda_D = 0,088 \text{ W/m}^2\text{K}$																							
Reaction to fire	Reaction to fire	E		EN 13501-1																				
Conversion for moisture	Mass-related moisture content $U_{23/50}$ [23°C / 50% rel. humidity]	EN ISO 10456	0,017	Not applicable																				
	Mass-related moisture content $U_{23/80}$ [23°C / 80% rel. humidity]		0,028																					
	Mass-related moisture conversion coefficient $f_u$		2,86																					
	Moisture-related conversion factor $F_m$ (23/50-23/80) (23°C / 50% rel. humidity to 23°C / 80% rel. humidity)		1,03																					
Compressive strength $\sigma_{10}$	Compressive stress or compressive strength	EN 826	7100	Not applicable																				
tensile strength	Tensile strength perpendicular to the surfaces	EN 1607	NPD																					
Bending tensile strength		EN 12089	NPD																					
shear strength		EN 12090	NPD																					
Deformation under specified compressive load and temperature conditions		EN 1605	NPD																					
Compressive creep		EN 1606	NPD																					
Water absorption $W_p$		EN 1609	$\leq 0,5$																					
Hygroscopic sorption properties $u$	Moisture absorption (desorption) at 23°C / 80% rel. humidity	EN ISO 12571	$\leq 3,0 \text{ Mass-\%}$																					
Water absorption	By long-term immersion	EN 12087	NPD																					
Water vapour diffusion resistance coefficient $\mu$		EN 12086	8																					
Density	[ $kg/m^3$ ]	EN 1602	510 to 590																					

NPD: No performance determined

Nominal thickness	[mm]	EN 823	20-80 ± 1	Not applicable
Nominal length	[mm]	EN 822	≤ 6000 ± 8	
Nominal width	[mm]	EN 822	≤ 2400 ± 5	
Squareness $S_b$	[mm/m]	EN 824	≤ 2	
Flatness after one sided wetting	-	EN 825	NPD	
Dimension stability	-	EN 1604	NPD	

NPD: No performance determined

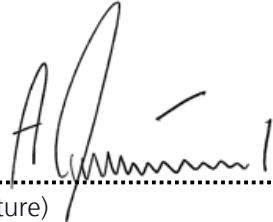
## 9. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

.....  
 Dipl. Ing. Andreas Linzmeier, Managing Director  
 (name and function)

.....  
 Riedlingen, 01/10/2019  
 (place and date of issue)

.....  
  
 (signature)