Declaration of Performance

HEMPFLAX® Building Solutions GmbH

THERMO HANF® Combi Jute

DoP.2026.THCJ.001

Unique identification code of the product-type:	THERMO HANF® Combi Jute
Intended use/es:	Thermal insulation for buildings
Manufacturer:	C-HempFlax Building Solutions GmbH - Industriestraße 2 - D-86720 Nördlingen (DE)
System/s of AVCP:	System 3
European Technical Assessment:	ETA-05/0037 based on EAD 040005-00-1201
Technical Assessment Body:	Deutsches Institut für Bautechnik

Essential characteristics		Performance	
Thermal resistance	Thermal resistance R_D ((m².K)/W)	d_N 30mm d_N 40mm d_N 50mm d_N 60mm d_N 70mm d_N 80mm d_N 100mm d_N 120mm d_N 140mm d_N 160mm d_N 180mm d_N 200mm d_N 220mm	0.79 1.05 1.32 1.58 1.84 2.11 2.63 3.16 3.68 4.21 4.74 5.26 5.79
	Thermal conductivity λ_D (W/(m.K))	d_N 30-220mm	0.038
Dimensional deviations	Length and width	Length	± 2 %
		Width	± 1,5 %
	Thickness	-4 mm / +10 mm or + 10 %[1] Relates to class T3 acc. to EN 13171:2012	
Mass-related moisture conversion coefficient	dry to 23°C/50% RH	f_{u1} = 0,11	
Mass-related moisture conversion coefficient	23°C/50% RH to 23°C/80% RH	f_{u2} = 0,05	
Moisture conversion factor	dry to 23°C/50% RH	F_{m1} = 1,01	
Moisture conversion factor	23°C/50% RH to 23°C/80% RH	F_{m2} = 1,01	
Reaction to fire		E	
Dimensional stability		NPD	
Tensile strength parallel to faces		≥ 30 kPa	
Resistance to the growth of mold		Level 0	
Water vapor diffusion resistance coefficient		MU1-2	
Squareness		$S_b \leq 5$ mm/m	
Flatness		$S_{max} \leq 6$ mm	
Density		34 – 46 kg/m³	
NPD: No Performance Determined			

[1] *Whichever gives the smallest numerical tolerance*

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Mark Reinders,
Managing Director

Gunnar Nopens,
Managing Director

Nördlingen, Germany, 26.02.2026