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Declaration of Performance

BEWI Terra XPS 500

1. Unique identification code of the product-type: NO-JFT500-CPR-01
2. Type, batch pr serial number: BEWI Terra XPS 500
3. Intended use or uses of the construction product: Thermal insulation products for buildings (XPS)
4. Name and contact address of the manufacturer: BEWI Insulation Norge AS, Box 1410, 1602 Fredrikstad.
5. Where applicable, name and contact address of the authorised representative:
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: AVCP System 3
7. Notified Testing Laboratory and tasks performed: VGTU, ID-number 1688 has conducted ITT under system 3.

8. Essential characteristics (EN 13164: 2012+A1:2015)	**Performance**				**Note**
Thermal conductivity	λ_D = 0,033 W/mK				EN 12667
Thermal resistance – Thickness: 100 mm	R_d=3,03				(resistance R_D)
Compressive stress at 10% deformation	CS(10) = 500 kPa				ISO 29469
Durability of compressive strength against ageing and degradation, Compressive creep (2%)	CC = 225 kPa				EN 1606
Long term water absorption by immersion	WL(T) 0,7				EN/ISO 16535
Watervapor transmission μ	μ = 150				EN 10456
Tolerances (T1)	Tolerances (mm)		Thickness product (mm)		EN13164 ISO 29466
	-2	+2	< 50		
	-2	+3	50 ≤ d_N ≤ 120		
	-2	+8	> 120		
Tolerances	Nominal length or width	Length or width	Squareness of length and width	Flatness	EN13164
	mm	mm	S_b mm/m	S_{max} mm	
	Less than 1000	± 8	5	7,0	
	1000-2000	± 10	5	14,0	
	> 2000 to 4000	± 10	5	28,0	
	> 4000	± 10	5	35,0	
Fire class (Reaction to fire)	NPD				-
Continuous glowing combustion	NPD				-
Durability of thermal conductivity against heat, weathering, and ageing/degradation	No changes over time/NPD				-
Freeze-thaw resistance after long term water absorption by total immersion	FTCI = 1%				-
Release of dangerous substances	NPD (a)				-
Tensile strength perpendicular to faces	NPD				EN 1607
Bending strength/shear strength/tensile strength	NPD				EN13164

(a) Test method is not available

9. The performance of the product listed above is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer, as noted above.

Signed for and behalf of the manufacturer by:

Svein Tore Larsen, Product Manager
Fredrikstad, 2026.10.02

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