

DECLARATION OF PERFORMANCE

No. 50/T/2018

1. Unique identification code of the product-type:
TERMALICA TND lintel beam
2. Intended use or uses:
This product is intended for covering holes in walls and partitions.
3. Manufacturer:
**BRUK-BET Sp. z o.o.
Niecieza 199, 33-240 Żabno**
4. System of assessment and verification of constancy of performance:
System 3
5. Harmonized standard:
EN 845-2:2013 – “Specification for ancillary components for masonry” - Part 2: Lintels.
6. Declared performance:

Essential properties		TND 120/10	TND 140/10	TND 170/10	TND 200/10
Load bearing capacity over dead weight	kN/m	2.0	2.0	2.0	2.0
Max deflection under load	mm	1.0	2.0	2.0	2.0
Weight per unit of cross section	kg/m ²	87	86	82.7	82.3
Water absorption	after 10 minutes	g/m ² x s _{0,5}	142		
	after 30 minutes		130		
	after 90 minutes		120		
Water vapour permeability (determined acc. to EN 1745)	-	5/10			
Durability (determined acc. to EN 1745)	-	Frost-resistant product after 15 cycles of freezing and thawing			
Durability of corrosion protection	-	Corrosion-resistant coating on reinforcement bars, average thickness of coating 266.4 µm			
Declared heat conductivity λ _{D10}	W/mK	0.14			
Reaction to fire	-	Euroclass A1			
Hazardous substances	-	None			

7. Other parameters.

		TND 120/10	TND 140/10	TND 170/10	TND 200/10
Min end bearing length	mm	200	200	250	250
Width of covered hole	mm	800	1000	1200	1500
Weight	kg	26	30	35	41
Length	mm	1200	1400	1700	2000
Width	mm	100	100	100	100
Height	mm	249	249	249	249
Dimensional tolerance	Length	mm	+/- 15		
	Width		+/- 5		
	Height		+/- 5		

Performance of the aforementioned product is compliant with the declared performance.

This declaration of performance was issued according to Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer specified above.

Signed on behalf of the manufacturer by: Jerzy Kras - Factory Production Control Proxy

Niecieza, 20 of January 2018

(date and place of issue)

PEŁNOMOCNIK ds. JAKOŚCI

 Jerzy Kras

(signature)