DECLARATION OF PERFORMANCE
No. 33/T/2017

1. Unique identification code of the product-type:
   TERMALICA BN 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.
   Nieciecza 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			**BN 120/12**	**BN 140/12**	**BN 170/12**	**BN 200/12**	**BN 230/12**
Load bearing capacity over dead weight		kN/m	12,6	9,2	7,3	5,5	4,4
Max deflection under load		mm	2.0	2.0	2.0	2.0	3.0
Weight per unit of cross section		kg/m^2	107,0	103,4	99,2	100,4	99,5
Water absorption	after 10 minutes	g/dm^2	56				
	after 30 minutes		82				
	after 90 minutes		129				
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.

		BN 120/12	**BN 140/12**	**BN 170/12**	**BN 200/12**	**BN 230/12**
Min end bearing length	mm	200	200	250	250	250
Width of covered hole	mm	800	1000	1200	1500	1800
Weight	kg	30,7	34,6	40,3	48	54,7
Length	mm	1200	1400	1700	2000	2300
Width	mm	120	120	120	120	120
Height	mm	239	239	239	239	239
Dimensional tolerance	Length	mm	+/- 15				
	Width		+/- 5				
	Height		+/- 5				

Performance of the aforementioned product is compliant with the declared performance.
This declaration of performance is issued according to Regulation (EU) No. 305/2011 under the sole responsibility of the manufacturer specified above.

Signed on behalf of the manufacturer by: Adam Liro - Factory Production Control Proxy

PEŁNOMOCNIK ds. ZAKŁADOWEJ KONTROLI PRODUKCJI
mgr inż. Adam Liro

Nieciecza, 20 of February 2017

(date and place of issue) (signature)