

DECLARATION OF PERFORMANCE

no. 67/BKTA/2019

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 wall partitions.
3. Manufacturer:
**BRUK-BET Sp. z o.o.
Nieciczka 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 | g/dm ² | NPD | | | |
| Water vapour permeability (determined acc. to EN 1745:2012) | - | 5/10 | | | |
| Durability (determined acc. to EN 1745:2012) | - | 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 | | |

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

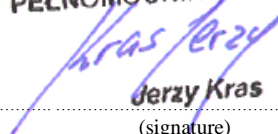
This declaration of performance was issued pursuant to Regulation (EU) no. 305/2011 under the sole responsibility of the aforementioned manufacturer.

Signed on behalf of the manufacturer by: Jerzy Kras, Quality Representative

Nieciczka, 01.06.2019

(date and place of issue)

PEŁNOMOCNIK ds. JAKOŚCI


Jerzy Kras

(signature)