

NATIONAL DECLARATION OF PERFORMANCE

no. 5/BB-N/2020

1. Name and trade name of the construction product:
RELIEF Decorative stone
2. Identification of the type of the construction product:
RELIEF Decorative stone
3. Intended use or uses:
Small-sized RELIEF elements produced of concrete are intended for internal wall coverings and external wall claddings as well as external claddings for the surfaces of garden and room fireplaces. All plaster elements are intended for internal wall coverings.
4. Name and address of the manufacturer and production site of the product:
**BRUK-BET Sp. z o.o.
Nieciecza 199, 33-240 Żabno
Production plant: 33-240 Żabno , Nieciecza 199**
5. Name and address of authorised representative, if any: **Not applicable.**
6. National system of assessment and verification of constancy of performance: **System 4**
7. National technical specification:
7a. Polish product standard: **Not applicable**

Name of accredited certification body, number of accreditation and number of national certificate or name of accredited laboratory/laboratories and number of accreditation: **Not applicable.**

- 7b. National technical assessment: **National Technical Assessment ICiMB-KOT-2020/0098 ed. 1**
„Small-sized RELIEF, RELIEF-K, RELIEF-G elements for wall coverings“
 Technical Assessment Body/National Technical Assessment Body: **Łukasiewicz Instytut Ceramiki i
 Materiałów Budowlanych,
 02-676 Warszawa, ul Postępu 9**
 Name of accredited certification body, number of accreditation and number of certificate: **Not applicable.**

8. Declared performance:

Essential characteristics of the construction product for intended use or uses	Declared performance			Notes
	regular concrete	expanded clay aggregate concrete	plaster	
Dimensional tolerances: - tile thickness ≤ 1.0 cm - tile thickness ≥ 1.0 cm	± 2.5 mm ± 5 mm	± 2.5 mm ± 5 mm	± 5 mm	-
Properties of concrete: - compressive strength class - bending strength, MPa - concrete density on dry basis, kg/m ³	$\geq C30/37$ $\geq 6,0$ 2090 \pm 2310	$\geq LC20/22$ $\geq 3,0$ 12830 \pm 1418	$\geq 11,0$ MPa $\geq 4,0$ 945 \pm 1155	-
Water absorption %	≤ 7	≤ 15	-	-
Moisture content %	-	-	≤ 6	-
Freeze thaw resistance	After 50 cycles, no weight loss	After 25 cycles, no weight loss	-	-

9. The performance of the aforementioned product is compliant with the declared performance set forth in section 8. This national declaration of performance is issued according to the act of 16 April 2004 on construction products, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer by: Łukasiewicz – Process Engineer

Nieciecza, 09.10.2020

(date and place of issue)

Z-CIA GŁÓWNEGO
TECHNOLOGIA
KIEROWNIK LABORATORIUM

mgr inż. Łukasz Lechowicz
(signature)