



Declaration of Performance

Ref. number: D500.3

1. Unique identification code of the product-type:

VIABLOKK D500

D500/25NF+GT; D500/30NF+GT; D500/37,5NF+GT; D500/45NF+GT; D500/50NF+GT

2. Intended use: Load-bearing and non-load-bearing walls, partitions, facing walls

3. Manufacturer: Innoscitech Kft., H-4110 Biharkeresztes, külterület hrsz. 0166/64.

E-mail: info@innoscitech.hu

4. Place of manufacture: H-4110 Biharkeresztes, külterület hrsz. 0166/64.

5. AVCP system: 2+

6. Harmonised standard: MSZ EN 771-4:2011+A1:2015

Notified body: CEMKUT Kft., NB 1414/H-1034 Budapest, Bécsi út 122-124.

EC-Factory Production Control Conformity Certificate number: 1414-CPR-T0411

7. Declared performance

Essential characteristics		Performance
Product type (Compressive strength class)		Masonry unit of category I
Dimensions/ Tolerances	Length [mm]	600 ± 1,5
	Height [mm]	200 ± 1,0
	Width [mm]	50-500 ± 1,5
Dimensional tolerances		TLMB
Average compressive strength [N/mm ²]		3,5
Type of test specimen		Cube 100×100×100 mm
Dimensional stability (shrinkage) (ecs,ref) [mm/m]		≤0,2
Shear bond strength with thin-layer masonry mortar [N/mm ²]		0,3 (Tabulated value according to EN 998-2)
Shear bond strength with thermal insulation masonry mortar [N/mm ²]		0,15 (Tabulated value according to EN 998-2)
Flexural bond strength [N/mm ²]		NPD*
Reaction to fire (Euroclass)		A1
Water absorption (Cw,s) - 10perc/30perc/90perc [g/m ² ×s ^{0,5}]		≤138 / ≤105 / ≤87
Water vapour diffusion coefficient (μ)		5/10 (Tabulated value according to EN 1745)
Durability (freeze-thaw-resistance) EN 15304 [cycles]		50
Mass loss (m _L) [%]		≤5
Decrease in compressive strength (f _{c,rel}) [%]		≤15
Gross dry density, average (ρ) [kg/m ³]		500
Form		(0) ; (NF) ; (GT) ; (NF+GT) **
Shape (group of masonry units)		Group 1S. (according EN 1996-1-1)
Griphole cavities as a percentage of the total volume [%]		0-5
Thermal conductivity λ _{10, DRY} (P= 50%) [W/(m·K)]		0,13 (Tabulated value according to EN 1745)
Dangerous substances		NPD*

*NPD - no performance declared

** (0)-Solid, (NF)-groove & tongue, (GT)-integrated gripholes

8. The performance of the product identified above is in conformity with the declared performance.

This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer:

Biharkeresztes, 06.07.2026

INNOSCITECH KFT.
4110 Biharkeresztes
külterület 0166/64 hrsz.
Cégjegyzékszám: 09-09-036202
Adószám: 23321489-2-09

Simon Levente Direktor CEO.