

1. Unique identification code of the product-type:
THA D450-1600x200x200 mm
2. Intended use: Lintels for load-bearing and non-load-bearing 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: 3
6. Harmonised standard: MSZ EN 845-2:2013+A1:2016
7. Declared performance

Essential characteristics		Performance
Product type/Lintel type		Prefabricated AAC (acting alone) lintel
Dimensions/ Tolerances	Length [mm]	1600 / ± 15
	Height [mm]	200 / ± 5
	Width [mm]	200 / ± 5
Straightness or bow (horizontal or and vertical curvature)		0,5% of the lenght, subject to a maximum value of 10mm from the intended profile
Minimum built in lenght [mm]		200
Shape		Rectangular-based straight prism
Mass in kg [kg]		51
Mass per unit area of the lintel [kg/m ²]		159,4
Gross dry density, average (ρ) [kg/m ³]		≥ 450
Load bearing capacity (flexural resistance) [kN/m]		20
Deflection at 1/3 of the load bearing capacity (δ_{dv}) [mm]		≤ 2
Minimum cover of concrete [mm]		20
Protection against corrosion		G (according to EN845 annex C)
Durability (freeze-thaw-resistance) EN 15304 [cycles]		100
Mass loss (m_L) [%]		≤ 5
Decrease in compressive strength ($f_{c,rel}$) [%]		≤ 15
Reaction to fire (Euroclass)		A1
Resistance to fire		R60 (according to EN12602 annex C)
Thermal conductivity $\lambda_{10, DRY}$ (P= 50%) [W/(m·K)]		0,120 (tabulated value according to EN 1745)
Water vapour diffusion coefficient (μ)		5/10 (tabulated value according to EN 1745)
Dangerous substances		NPD*

*NPD - no performance declared

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: 09-09-036290
Adószám: 23321489-2-09
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Simon Levente Direktor CEO.