



Declaration of Performance N° 2.19_EN

1. **CIP: 8195 – Acoustic Thermo Block.**
(Unique identification code of the product type)
2. **Masonry Block**
(Intended use)
3. **ACL - A Cimenteira do Louro, S.A., Monte do Louro, Louro, Ap.163, 4761-926 V. N. Famalicão.**
(Manufacturer)
4. **Not Relevant.**
(Authorized representative)
5. **System of assessment and verification of constancy of performance 4.**
(System of assessment and verification of constancy of performance)
6. **EN 771-3:2011+A1:2015.**
(Harmonised standard)
7. **Declared Performance:**

Essential Characteristics		Performance				
Dimensions (mm)		390x145x240	390x207x240	390x238x240	390x300x240	390x362x240
Configuration		See PTDS BLTA_01_EN				
Tolerance Category		Category D1				
Mean Compressive Strength (MPa)		≥ 1				
Dimensional Stability (mm/m)		0,27	0,35	0,40	0,15	0,35
Shear Bond Strength (N/mm ²)		0,15				
Reaction to Fire		Class A1				
Water Absorption by Capillarity		NPD				
Water Vapour Permeability		5/15				
Gross density (Kg/m ³)		925	831	995	720	880
Thermal Conductivity $\lambda_{10,dry}$ (W/mK)	P = 50 %	0,26	0,22	0,30	0,19	0,26
	P = 90 %	0,28	0,25	0,32	0,21	0,28
Durability Against Freeze / Thaw		NPD				

NPD – No Performance Determined

8. The performance of the product identified above is in conformity with the set of declared performance (s). This declaration of performance is issued under the sole responsibility of the manufacturer identified above. Manuel Leitão Oliveira e Silva, as Chairman of the Board, signed for and behalf of the manufacturer.

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Louro, 5th June 2017