



## Declaration of Performance N° 2.18\_EN

1. **CIP: 8190 – 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)		490x150x190	490x200x190	490x250x190	390x300x190
Configuration		See PTDS BLTB_01_EN			
Tolerance Category		Category D1			
Mean Compressive Strength (MPa)		≥ 1			
Dimensional Stability (mm/m)		0,35	0,22	0,43	0,35
Shear Bond Strength (N/mm <sup>2</sup> )		0,15			
Reaction to Fire		Class A1			
Water Absorption by Capillarity		NPD			
Water Vapour Permeability		5/15			
Gross density (Kg/m <sup>3</sup> )		670	610	635	620
Thermal Conductivity $\lambda_{10,dry}$ (W/mK)	P = 50 %	0,190	0,160	0,160	0,160
	P = 90 %	0,210	0,180	0,180	0,180
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, 5<sup>th</sup> June 2017