



Declaration of Performance N° 2.17_EN

1. **CIP: 8185 – Light 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)		500x100x200	500x150x200	500x200x200	400x280x200
Configuration		See PTDS BLL_01_EN			
Tolerance Category		Category D1			
Mean Compressive Strength (MPa)		≥ 1			
Dimensional Stability (mm/m)		0,25	0,34	0,27	0,43
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)		640	550	510	550
Thermal Conductivity $\lambda_{10,dry}$ (W/mK)	P = 50 %	0,16	0,16	0,12	0,16
	P = 90 %	0,18	0,18	0,15	0,18
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