



## Declaration of Performance N° 2.20\_EN

1. **CIP: 8195U – Ultra Acoustic 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)                                |          | 390x238x240         |
| Configuration                                  |          | See PTDS BLTA_02_EN |
| Tolerance Category                             |          | D1                  |
| Mean Compressive Strength (MPa)                |          | ≥ 1,5               |
| Dimensional Stability (mm/m)                   |          | 0,41                |
| 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> )             |          | 1225                |
| Thermal Conductivity $\lambda_{10,dry}$ (W/mK) | P = 50 % | 0,36                |
|  | P = 90 % | 0,41                |
| 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