



Declaration of Performance N° 22.1_EN

1. **CIP: 8111 – Hourdis.**
(Unique identification code of the product type)
2. Hourdis, prefabricated in lightweight aggregate concrete, used in conjunction with precast concrete beams in compliance with EN 15037-1, with or without cast-in-situ concrete for the construction of beam-and-block floor and roof systems.
(Intended use)
3. A Cimenteira do Louro, S.A., Rua Padre Domingos Joaquim Pereira, 1284/1286, 4760-563 V. N. Famalicão.
(Manufacturer)
4. Not Relevant.
(Authorized representative)
5. System of assessment and verification of constancy of performance 2+.
(System of assessment and verification of constancy of performance)
6. **EN 15037-2:2009+A1:2011.**
(Harmonised standard)

Certif - Associação para a Certificação, notified body n° 1328, carried out an initial audit of the factory and production control, and continuously evaluate and approve the production control at the Presdouro factory - Pré-esforçados Beira Douro, SA under System 2+ and issued certificate n° 1328-CPR-0294 attesting that all provisions relating to attestation of conformity and performance of the product described in Annex ZA of EN 15037-2: 2009 + A1: 2011 were considered.

7. Declared Performance:

Dimensions	Essential Characteristics							
	Load Capacity	Tolerance Category	Geometric Properties	Reaction to Fire	Durability	Drying Shrinkage Average (mm/m)	Gross Density (kg/m³)	Dangerous Substances
230x210x250	Class R1 (≥ 1,5 kN)	Class T1	Class N1	Euroclass A1	B (Low Aggressiveness)	≤ 0,08	≤ 600	NPD
230x240x250								
230x300x250								
330x120x250								
330x150x250								
330x180x250								
330x210x250								
330x240x250								
330x300x250								
400x120x250								
400x150x250								
400x180x250								
400x210x250								
400x240x250								

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.

Louro, 04th December 2019

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