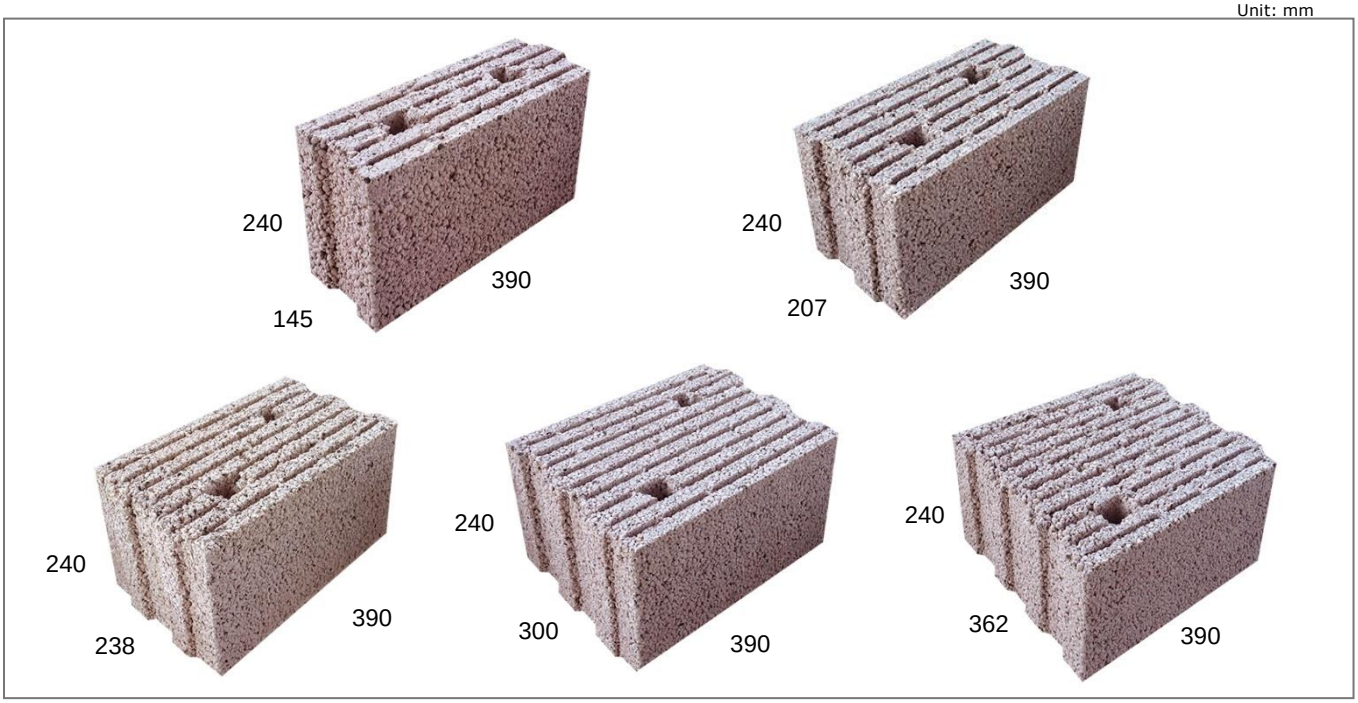
ACIMENTEIRADOLOURO

PRODUCT TECHNICAL DATA SHEET CE

BLOCO TERMO ACÚSTICO

ECOBLOCO
A ALVENARIA QUE POUPA

Unit: mm



Concrete block for use in masonry, belonging to Category II, according to the harmonized standard EN 771-3 Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)

Product characteristics

Dimensions Length x Width x Height	390x145x240	390x207x240	390x238x240	390x300x240	390x362x240
Weight (Kg)	13.8	19.5	26.0	27.5	34.5
Tolerance Category	D1				
Reaction to Fire	Class A1				
Mean Compressive Strength (MPa)	≥ 1.0				
Water Vapour Permeability μ	5/15	5/15	5/15	5/15	5/15
Shear Bond Strength (N/mm2)	0.15	0.15	0.15	0.15	0.15
Dimensional Stability (mm/m)	0.27	0.14	0.17	0.19	0.35
Durability Against Freeze / Thaw	NPD				
Gross Dry Density (kg/m3)	925	1033	1033	902	880
Net Dry Density (kg/m3)	1200	1316	1270	1171	1130
Thermal Resistance Rt [m2.K/W]	0,850	1,137	1,318	1,516	1,967
Units / Sqm	10.6	10.6	10.6	10.6	10.6
Unit / Pallet	72	48	48	24	36
NPD – No Performance Determined	μ – Water Vapour Permeability				

Approved by: Dinis Silva	**Elaborated by:** Bruno Veloso	**PTDS nº:** BLTA_01_EN	**Date:** 03 I 02 I 2022

A Cimenteira do Louro, S.A. | Ap. 163 E.C.Famalicão
4761-926 V.N. Famalicão, Portugal
www.aclweb.pt
acl@aclweb.pt