ACIMENTEIRADOLOURO

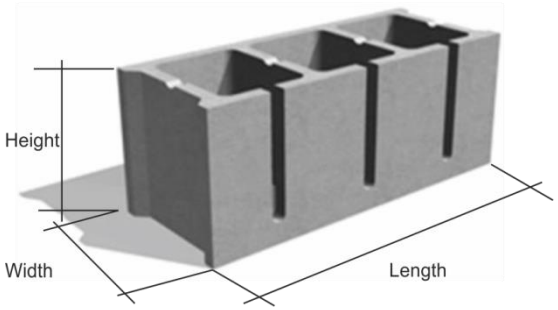
PRODUCT TECHNICAL DATA SHEET

CE

BlocoAcústicoClássico

ECOBLOCO
A ALVENARIA QUE POUPA

Units: mm



EN 771-3 Specification for masonry units - Part 3: Aggregate concrete masonry units (Dense and lightweight aggregates)

Product characteristics

Dimensions Length x Height x Width (mm)	500x200x200
Tolerance Category	D1
Reaction to Fire	Classe A1
Mean Compressive strength (MPa)	≥ 2.0
Dimensional Stability (mm/m)	0.13
Water Absorption by Capillarity (g/(m2.s))	≤ 11
Shear Bond Strength (N/mm2)	0.15
Durability against freeze/thaw	NPD
Average Weight (kg)	18.5
Unit l Pallet	60

Sound Absorption Coefficient (αs)

Frequency (Hz)	100	125	160	200	250	315	400	500	630
αs	0.13	0.15	0.24	0.48	0.64	0.37	0.23	0.22	0.18
Frequency (Hz)	**800**	**1000**	**1250**	**1600**	**2000**	**2500**	**3150**	**4000**	**5000**
αs	0.17	0.22	0.32	0.31	0.28	0.36	0.41	0.39	0.34

Sound Insulation to Aerial Sounds (Rw)

Frequency (Hz)	100	125	160	200	250	315	400	500	630
Rw (dB)	0,13	0,15	0,24	0,48	0,64	0,37	0,23	0,22	0,18
Frequency (Hz)	**800**	**1000**	**1250**	**1600**	**2000**	**2500**	**3150**	**4000**	**5000**
Rw (dB)	0,17	0,22	0,32	0,31	0,28	0,36	0,41	0,39	0,34

NPD – No Performance Determined

Approved by:	**Elaborated by:**	**FTP nº:**	**Date:**
Dinis Silva	Bruno Veloso	BLAC_01_EN	05 l 06 l 2017

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