

Declaration of performance

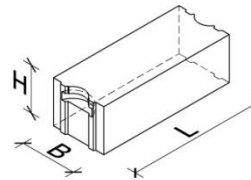
48002136



Unique identification code of the product-type:	Ytong PP4/0,6 S+GT 36,5 cm
Intended use/es:	Masonry walls, columns and partitions
Manufacturer:	Xella Polska sp. z o.o. ul. Komitetu Obrony Robotników 48, 02-146 Warszawa
Authorised representative:	Xella Technologie- und Forschungsgesellschaft mbH Hohes Steinfeld 1, 14797 Kloster Lehnin/Emstal, Niemcy
System/s of AVCP:	System 2+
Harmonised standard:	EN 771-4:2011+A1:2015
Notified body/ies:	Instytut Mechanizacji Budownictwa i Górnictwa Skalnego, jednostka notyfikowana nr 1454

Declared performance

Essential characteristics		Performance
Dimensions	length, mm	599
	width, mm	365
	height, mm	199
	category	TLMB
	flatness, mm	≤ 1,0 mm
	parallelism, mm	≤ 1,0 mm
Shape and configuration		see: drawing group 1S (wg EN 1996-1-2)
Compressive strength	mean, N/mm ²	≥ 4,0 (⊥ to bed faces, cut prism)
Dimensional stability	moisture movement, mm/m	0,20
Bond strength	initial shear strength, N/mm ²	TLM: 0,30, GPM: 0,15 (fixed value, EN 998-2)
	flexural strength, N/mm ² :	TLM GPM: $f_m < 5 \text{ MPa}$ $f_m \geq 5 \text{ MPa}$
	to bed joints	0,140 0,050 0,100
	⊥ to bed joints, head joints filled	0,140 0,200 0,400
	⊥ to bed joints, head joints unfilled	0,100 (fixed value, EN 1996-1-1)
Reaction to fire		Euroclass A1 (Commission Decision 2000/605/WE)
Water absorption		NPD
Water vapour permeability		5/10 (fixed value, EN 1745)
Direct airborne sound insulation	gross dry density, kg/m ³	575 ± 25
	shape and configuration	see: above
	dimensions	see: above
Thermal resistance	thermal conductivity coefficient, $\lambda_{10, \text{dry, unit}}$ W/(mK)	≤ 0,15 (S1, P=50%)
Durability (freeze-thaw resistance)		frost resistant (EN 15304)
Dangerous substances		NPD



The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Tomasz Wiśniewski
Dyrektor ds. Produkcji

Warszawa, 05.02.2018