



Xella Polska sp. z o.o.
ul. 17 Stycznia 48, 02-146 Warszawa

EN 771-4:2011+A1:2015

DoP 48002110

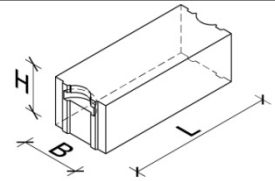
NB 1454

Ytong

PP2/0,3S+GT40_{cm}

Intended use: in masonry walls, columns and partitions

Essential characteristics		Declared performance		
Dimensions and dimensional tolerances	length, mm	599		
	width, mm	400		
	height, mm	199		
	tolerances category	TLMB		
	flatness, mm	≤ 1,0 mm		
	parallelism, mm	≤ 1,0 mm		
Configuration:		see: drawing group 1S (EN 1996-1-2)		
Compressive strength	mean, N/mm ²	≥ 2,0 (⊥ to bed faces, cut prism, category I)		
Dimensional stability	moisture movement, mm/m	≤ 0,20		
Bond strength	shear bond strength, N/mm ²	TLM: 0,30, GPM: 0,15 (fixed value, EN 998-2 annex C)		
	flexural bond strength, N/mm ² :	TLM	GPM: $f_m < 5$ MPa	$f_m \geq 5$ MPa
	⊥ to bed faces	0,070	0,050	0,100
	⊥ to bed faces, vertical joints filled	0,070	0,200	0,400
	⊥ to bed faces, vertical joints unfilled	0,050		
		(fixed value, EN 1996-1-1)		
Reaction to fire		Euroclass A1 (Commission Decision 2000/605/WE)		
Water absorption		do not use unprotected		
Water vapour permeability		5/10 (fixed value, EN 1745)		
Direct airborne sound insulation	gross dry density, kg/m ³	300 ± 25		
	configuration	see: above		
	dimensions and tolerances	see: above		
Thermal resistance	thermal conductivity coefficient, $\lambda_{10,dry,unit}$, W/(mK)	≤ 0,072 (S2, P=90%)		
Durability against freeze-thaw		frost resistant		



Zakład w Ostrołęce: ul. ks. Antoniego Pęksy 16, 07-401 Ostrołęka

Date of packing

Shift

Pallet no.

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