


Declaration of Performance Ident.- N°:		02-300-07-1-2/1
<b>JUWÖ Poroton-Werke</b> <b>Ernst Jungk &amp; Sohn GmbH</b> <b>D-55597 Wöllstein</b>		
2018		
2510-CPR-366		
EN 771-1 : 2011 + A1: 2015		
LD vertically perforated clay masonry unit, Category I		
<b>248 x 300 x 249 mm</b>		
Intended use: Clay masonry unit for loadbearing and non-loadbearing protected masonry		
Dimensional tolerance (mm)	Mean value Tm (mm)	Length: -10, +5
		Width: -10, +8
		Height: ± 5
	Range: Rm (mm)	Length: 12
		Width: 10
		Height: 6
Flatness of bed faces mm	<= 1,0	
Plane parallelism of bed faces mm	<= 1,0	
Configuration	5.2.2.1 d	
Compressive strength (Mean Value) N/mm <sup>2</sup>	>= 10,0	
Gross dry density (Mean value) kg/m <sup>3</sup>	630	
Gross dry density (Range Dm) kg/m <sup>3</sup>	610 - 650	
Net dry density (Mean value) kg/m <sup>3</sup>	<= 1470	
Thermal conductivity lambda (W/mK)	NPD see additional manufacturer's information	
Durability against freeze/thaw	F0	
Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm <sup>2</sup>	NPD	
Active soluble salts content	Class S0	
Reaction to fire	Class A1	
Water vapour permeability t μ	5 / 10	



02-300-07-1-2

# ThermoPlan MZ 70

## MZ 300/7

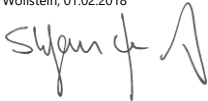
### λ 0,07 W/(mK)



Additional manufacturer's information

According approval Z-17.1-1016

Product type	ThermoPlan MZ 70
Article N°	02-300-07-1-2
Article name	MZ 300/7
Compressive strength (class)	8
Class of gross density kg/dm <sup>3</sup>	0,65
Thermal Conductivity lambda W/(mK)	0,07
Permitted Compressive Stress - refer to General Building Approval	
Initial rate of water absorption	NPD

DECLARATION OF PERFORMANCE (DOP)			
02-300-07-1-2/1			
<b>1.</b> LD vertically perforated clay masonry unit, Category I 248 x 300 x 249 mm Article 02-300-07-1-2	<b>7. Declared performance</b>		
	Essential characteristics		Performance
<b>2.</b> Clay masonry unit for loadbearing and non-loadbearing protected masonry	Work size	LxBxH (mm)	<b>248</b> <b>300</b> <b>249</b>
	Dimensional tolerance (mm)	Mean value	L: -10, +5      B: -10, +8
		Tm (mm)	H: ± 5
		Range:	L: 12      B: 10
	Rm (mm)	H: 6	
<b>3.</b> JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein	Configuration		5.2.2.1 d
	Compressive strength	Category	LD vertically perforated clay masonry unit, Category I
		Mean value	>= 10,0 N/mm <sup>2</sup>
		Direction of load	Vertical to the horizontal joint
Moisture movement		NPD	EN 771-1
Flatness of bed faces mm		<= 1,0	
Plane parallelism of bed faces mm		<= 1,0	
Active soluble salts content		Class S0	
Reaction to fire		Class A1	EN 771-1
Water absorption (% by mass)		NPD	
Water vapour permeability t μ		5 / 10	EN 1745
<b>5.</b> System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+	Gross dry density	Mean value (kg/m <sup>3</sup> )	630
		Tolerance category Dm (kg/m <sup>3</sup> )	610 - 650
	Net dry density (Mean value) kg/m <sup>3</sup>		<= 1470
Thermal conductivity lambda (W/mK)		NPD see additional manufacturer's information	EN 1745
Durability against freeze/thaw / Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm <sup>2</sup>		F0 / NPD	EN 771-1
Dangerous substances		NPD	
The performance of the above product is equal to the declared performance. In accordance with Regulation (EU) No 305/2011 only the above manufacturer is responsible for the declaration of performance.			
Signed for the manufacturer and on behalf of the manufacturer			
Wöllstein, 01.02.2018			
			
Dipl.-Kfm. Univ. Stefan Jungk (Geschäftsführer, CEO, PDG)			