


Declaration of Performance Ident.- N°:		01-510-39-1-4/1	
JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH D-55597 Wöllstein			
2016			
2510-CPR-366			
EN 771-1 : 2015			
LD vertically perforated clay masonry unit, Category 1			
<b>498 x 100 x 238 mm</b>			
Intended use: Clay masonry unit for loadbearing and non-loadbearing protected masonry			
Dimensional tolerance (mm)	Mean value Tm (mm)	Lengte: -10, +8	
		Width: -10, +5	
		Height: ± 5	
	Range: Rm (mm)	Lengte: 12	
Width: 10			
Height: 6			
Flatness of bed faces mm	NPD		
Plane parallelism of bed faces mm	NPD		
Configuration	EN 771-1		
Compressive strength (Mean Value) N/mm <sup>2</sup>	≥ 12,5		
Gross dry density (Mean value) kg/m <sup>3</sup>	760		
Gross dry density (Range Dm) kg/m <sup>3</sup>	660 - 850		
Net dry density (Mean value) kg/m <sup>3</sup>	NPD		
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 SO		
Reaction to fire	Class A1		
Water vapour permeability t μ	5 / 10		



F-0016

# ThermoBlock HLZ

## P 510 T

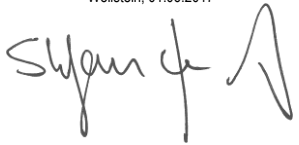
### λ 0,28 W/(mK)

Additional manufacturer's information



According approval EN 771-1

Product type	ThermoBlock HLZ		
Article N°	F-0016		
Article name	P 510 T		
Compressive strength (class)			12
Class of gross density kg/dm <sup>3</sup>			0,8
Thermal Conductivity lambda W/(mK)			0,28
Permitted Compressive Stress - refer to General Building Approval			
Initial rate of water absorption	NPD		

DECLARATION OF PERFORMANCE (DOP)				
01-510-39-1-4/1				
1. LD vertically perforated clay masonry unit, Category 1 498 x 100 x 238 mm	9. Declared performance			
	Essential characteristics		Performance	
2. Article F-0016	Work size	LxBxH (mm)	498      100      238	
3. Clay masonry unit for loadbearing and non-loadbearing protected masonry	Dimensional tolerance (mm)	Mean value	L: -10, +8      B: -10, +5	
		Tm (mm)	H: ± 5	
		Range:	L: 12      B: 10	
4. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein	Compressive strength	Rm (mm)	H: 6	
		Configuration		EN 771-1
		Category	LD vertically perforated clay masonry unit, Category 1	
5. Not applicable	Moisture movement	Mean value	≥ 12,5 N/mm <sup>2</sup>	
		Direction of load	Vertical to the horizontal joint	
		EN 777-1		
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+	Flatness of bed faces mm		NPD	
	Plane parallelism of bed faces mm		NPD	
	Active soluble salts content		Class SO	
7. Notified production control certification body No. CPR/1794 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control	Reaction to fire		Class A1	
	Water absorption (% by mass)		NPD	
	Water vapour permeability t μ		5 / 10	
8. Not applicable	Gross dry density	Mean value (kg/m <sup>3</sup> )	760	
		Tolerance category Dm (kg/m <sup>3</sup> )	660 - 850	
	Net dry density (Mean value) kg/m <sup>3</sup>		NPD	
Thermal conductivity lambda (W/mK)		NPD see additional manufacturer's information		
Durability against freeze/thaw / Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm <sup>2</sup>		F0 / NPD		
Dangerous substances		According to ZA.3		
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on beh			<p>Wöllstein, 01.06.2017</p>  <p>Stefan Jungk (Managing director)</p>	