


Declaration of Performance Ident.- N°:		01-524-39-1-4/1
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		
498 x 240 x 238 mm		
Intended use: Clay masonry unit for loadbearing and non-loadbearing protected masonry		
Dimensional tolerance (mm)	Mean value Tm (mm)	Length: -10, +8
		Width: -10, +5
		Height: ± 5
	Range: Rm (mm)	Length: 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 ²	≥ 12,5	
Gross dry density (Mean value) kg/m ³	760	
Gross dry density (Range Dm) kg/m ³	660 - 850	
Net dry density (Mean value) kg/m ³	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 ²	NPD	
Active soluble salts content	Class SO	
Reaction to fire	Class A1	
Water vapour permeability t μ	5 / 10	



F-1101

ThermoBlock HLZ

P 524 T

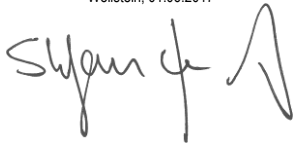
λ 0,28 W/(mK)

Additional manufacturer's information



According approval EN 771-1

Product type	ThermoBlock HLZ
Article N°	F-1101
Article name	P 524 T
Compressive strength (class)	12
Class of gross density kg/dm ³	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)				
01-524-39-1-4/1				
1. LD vertically perforated clay masonry unit, Category 1 498 x 240 x 238 mm	9. Declared performance			
	Essential characteristics	Performance	Harmonised technical specification	
2. Article F-1101	Work size LxBxH (mm)	498 240 238	EN 771-1	
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
	Rm (mm)	H: 6		
4. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein	Configuration			EN 771-1
	Compressive strength	Category		LD vertically perforated clay masonry unit, Category 1
		Mean value		≥ 12,5 N/mm ²
		Direction of load		Vertical to the horizontal joint
Moisture movement	NPD			EN 777-1
Flatness of bed faces mm	NPD			
Plane parallelism of bed faces mm	NPD			
Active soluble salts content	Class SO			
Reaction to fire	Class A1		EN 777-1	
Water absorption (% by mass)	NPD			
Water vapour permeability t μ	5 / 10		EN 1745	
5. Not applicable	Gross dry density	Mean value (kg/m ³)	760	
		Tolerance category Dm (kg/m ³)	660 - 850	
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+	Net dry density (Mean value) kg/m ³		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 ²		F0 / NPD	
	Dangerous substances		According to ZA.3	
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			EN 777-1	
			EN 1745	
8. Not applicable			EN 777-1	
			EN 777-1	
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>	