


Declaration of Performance Ident.- N°:		01-115-39-1-3/1
JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH D-55597 Wöllstein		
2018		
2510-CPR-366		
EN 771-1 : 2011 + A1: 2015		
LD vertically perforated clay masonry unit, Category I		
498 x 115 x 249 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: ± 1,0
	Range: Rm (mm)	Length: 10
		Width: 10
		Height: 1,0
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 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 S0	
Reaction to fire	Class A1	
Water vapour permeability t μ	5 / 10	



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ThermoPlan TS²

TP 115

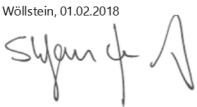
λ 0,28 W/(mK)



Additional manufacturer's information

According approval Z-17.1-1037

Product type	ThermoPlan TS ²
Article N°	01-115-39-1-3
Article name	TP 115
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)						
01-115-39-1-3/1						
<p>1. LD vertically perforated clay masonry unit, Category I 498 x 115 x 249 mm Article 01-115-39-1-3</p> <p>2. Clay masonry unit for loadbearing and non-loadbearing protected masonry</p> <p>3. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein</p> <p>4. Not applicable</p> <p>5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: System 2+</p> <p>6. Harmonized standard: EN 771-1: 2011 + A1:2015 Notified body: NB 2510 (CERT Baustoffe GmbH)</p>	7. Declared performance					
	Essential characteristics		Performance		Harmonised technical specification	
	Work size	LxBxH (mm)	498	115		249
	Dimensional tolerance (mm)	Mean value Tm (mm)	L: -10, +8			B: -10, +5
		Range: Rm (mm)	H: ± 1,0			
			L: 10	B: 10		
	Configuration		5.2.2.1 d			
	Compressive strength	Category	LD vertically perforated clay masonry unit, Category I			
		Mean value	>= 12,5 N/mm ²			
		Direction of load	Vertical to the horizontal joint			
	Moisture movement		NPD			
	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			
	Water absorption (% by mass)		NPD			
	Water vapour permeability t μ		5 / 10			
	Gross dry density	Mean value (kg/m ³)	760			
		Tolerance category 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 / Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm ²		F0 / NPD				
Dangerous substances		NPD				
<p>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</p> <p>Signed for the manufacturer and on behalf of the manufacturer</p> <p>Wöllstein, 01.02.2018</p> <p style="text-align: center;"></p> <p>Dipl.-Kfm. Univ. Stefan Jungk (Geschäftsführer, CEO, PDG)</p>						