


Declaration of Performance Ident.- N°:		01-490-08-1-1/1
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		
248 x 490 x 249 mm		
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: ± 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	>= 10,0	
Gross dry density (Mean value) kg/m ³	580	
Gross dry density (Range Dm) kg/m ³	560 - 600	
Net dry density (Mean value) kg/m ³	<= 1370	
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	



01-490-08-1-1

ThermoPlan S 8

S 490/8

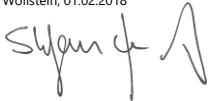
λ 0,080 W/(mK)



Additional manufacturer's information

According approval Z-17.1-1013

Product type	ThermoPlan S 8
Article N°	01-490-08-1-1
Article name	S 490/8
Compressive strength (class)	8
Class of gross density kg/dm ³	0,60
Thermal Conductivity lambda W/(mK)	0,080
Permitted Compressive Stress - refer to General Building Approval	
Initial rate of water absorption	NPD

DECLARATION OF PERFORMANCE (DOP)				
01-490-08-1-1/1				
1. LD vertically perforated clay masonry unit, Category I 248 x 490 x 249 mm Article 01-490-08-1-1	7. Declared performance			
	Essential characteristics		Performance	Harmonised technical specification
2. Clay masonry unit for loadbearing and non- loadbearing protected masonry	Work size	LxBxH (mm)	248 490 249 L: -10, +5 B: -10, +8	EN 771-1
	Dimensional tolerance (mm)	Mean value	H: ± 1,0	
		Tm (mm)	B: 10	
		Range: Rm (mm)	H: 1,0	
3. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein	Configuration		5.2.2.1 d	EN 771-1
	Compressive strength	Category	LD vertically perforated clay masonry unit, Category I	
		Mean value	>= 10,0 N/mm ²	
		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		EN 771-1
Active soluble salts content		Class S0		
Reaction to fire		Class A1		
Water absorption (% by mass)		NPD		
Water vapour permeability t μ		5 / 10		EN 1745
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+	Gross dry density	Mean value (kg/m ³)	580	EN 771-1
		Tolerance category Dm (kg/m ³)	560 - 600	
	Net dry density (Mean value) kg/m ³		<= 1370	
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 ²		F0 / NPD		EN 771-1
Dangerous substances		NPD		EN 771-1
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)				