


Declaration of Performance Ident.- N°:		01-175-39-1-3/1	
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 175 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, +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	Z-17.1-1037		
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-0225

# ThermoPlan TS<sup>2</sup> TP 175

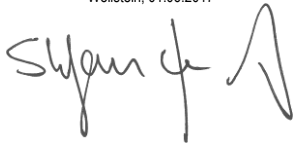
## λ 0,28 W/(mK)

Additional manufacturer's information



According approval Z-17.1-1037

Product type	ThermoPlan TS <sup>2</sup>		
Article N°	F-0225		
Article name	TP 175		
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)			
01-175-39-1-3/1			
1. LD vertically perforated clay masonry unit, Category 1 498 x 175 x 249 mm	9. Declared performance		
	Essential characteristics		Performance
2. Article F-0225	Work size	LxBxH (mm)	498      175      249
	Dimensional tolerance (mm)	Mean value Tm (mm)	L: -10, +8      B: -10, +5
Range: Rm (mm)		H: ± 1,0	
		L: 10      B: 10	
3. Clay masonry unit for loadbearing and non-loadbearing protected masonry	Configuration		Z-17.1-1037
	Compressive strength	Category	LD vertically perforated clay masonry unit, Category 1
Mean value		>= 12,5 N/mm <sup>2</sup>	
Direction of load		Vertical to the horizontal joint	
4. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein	Moisture movement		NPD
	Flatness of bed faces mm		<= 1,0
5. Not applicable	Plane parallelism of bed faces mm		<= 1,0
	Active soluble salts content		Class SO
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+	Reaction to fire		Class A1
	Water absorption (% by mass)		NPD
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	Water vapour permeability t μ		5 / 10
	Gross dry density	Mean value (kg/m <sup>3</sup> )	760
Tolerance category Dm (kg/m <sup>3</sup> )		660 - 850	
8. Not applicable	Net dry density (Mean value) kg/m <sup>3</sup>		NPD
	Thermal conductivity lambda (W/mK)		NPD see additional manufacturer's information
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	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
			Wöllstein, 01.06.2017
			
			Stefan Jungk (Managing director)