Declaration of PerfomanceIdent.- N°:	01-175-39-1-3/1
JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH D-55597 Wöllstein	CE
2018	
2510-CPR-366	
EN 771-1 : 2011 + A1: 2015	
LD vertically perforated clay masonry unit, Category I	
498 x 175 x 249 mm	
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: ± 1,0
	Range: Rm (mm)	Lengte: 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/mm²	>= 12,5	
Gross dry density (Mean value) kg/m³	760	
Gross dry density (Range Dm) kg/m³	660 - 850	
Net dry density (Mean value) kg/m³	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/mm²	NPD	
Active soluble salts content	Class S0	
Reaction to fire	Class A1	
Water vapour permeability t µ	5 / 10	

JUWÖ POROTON
www.juwoe.de

01-175-39-1-3

ThermoPlan TS²
TP 175
λ 0,28 W/(mK)

mein ziegelhaus® ... ein starker Verbund.

Additional manufacturer´s information

According approval Z-17.1-1037	
Product type	ThermoPlan TS²
Article N°	01-175-39-1-3
Article name	TP 175
Compressive strength (class)	12
Class of gross density kg/dm³	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 PERFOMANCE (DOP)

01-175-39-1-3/1

1. LD vertically perforated clay masonry unit, Category I
498 x 175 x 249 mm
Article 01-175-39-1-3

2. Clay masonry unit for loadbearing and non-loadbearing protected masonry

3. JUWÖ Poroton-Werke
Ernst Jungk & Sohn GmbH
Ziegelhüttenstr. 40 - 42
D-55597 Wöllstein

4. Not applicable

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+

6. Harmonized standard:
EN 771-1: 2011 + A1:2015
Notified body:
NB 2510 (CERT Baustoffe GmbH)

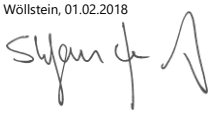
7. Declared performance

Essential characteristics		Performance			Harmonised technical specification
Work size	LxBxH (mm)	**498**	**175**	**249**	EN 771-1
Dimensional tolerance (mm)	Mean value Tm (mm)	L: -10, +8		B: -10, +5	
		H: ± 1,0			
	Range: Rm (mm)	L: 10		B: 10	
		H: 1,0			
Configuration		5.2.2.1 d			
Compressive strength	Category	LD vertically perforated clay masonry unit, Category I			
	Mean value	>= 12,5 N/mm²			
	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			
Active soluble salts content		Class S0			EN 771-1
Reaction to fire		Class A1			
Water absorption (% by mass)		NPD			
Water vapour permeability t µ		5 / 10			EN 1745
Gross dry density	Mean value (kg/m³)	760			EN 771-1
	Tolerance category Dm (kg/m3)	660 - 850			
Net dry density (Mean value) kg/m³		NPD			
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/mm²		F0 / NPD			EN 771-1
Dangerous substances		NPD			

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)