


Declaration of Performance Ident.- N°:		F-0163-1
JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH D-55597 Wöllstein		
2016		
2510-CPR-366		
EN 771-1 : 2011		
LD vertically perforated clay masonry unit, Category 1		
248 x 365 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	Z-17.1-1047	
Compressive strength (Mean Value) N/mm ²	>= 12,5	
Gross dry density (Mean value) kg/m ³	630	
Gross dry density (Range Dm) kg/m ³	580 - 680	
Net dry density (Mean value) kg/m ³	<= 1390	
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-0163

ThermoPlan T 10

TP 365/10

λ 0,10 W/(mK)

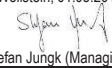
Additional manufacturer's information



According approval Z-17.1-1047

Product type	ThermoPlan T 10
Article N°	F-0163
Article name	TP 365/10
Compressive strength (class)	8
Thermal Conductivity lambda W/(mK)	0,10
Class of gross density kg/dm ³	0,65
Initial rate of water absorption	NPD

Permitted Compressive Stress - refer to General Building Approval

DECLARATION OF PERFORMANCE (DOP)																																																																																																																											
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<p>1. LD vertically perforated clay masonry unit, Category 1 248 x 365 x 249 mm</p> <p>2. Article F-0163</p> <p>3. Clay masonry unit for loadbearing and non-loadbearing protected masonry</p> <p>4. JUWÖ Poroton-Werke Ernst Jungk & Sohn GmbH Ziegelhüttenstr. 40 - 42 D-55597 Wöllstein</p> <p>5. Not applicable</p> <p>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+</p> <p>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</p> <p>8. Not applicable</p>	<p>9. Declared performance</p> <table border="1"> <thead> <tr> <th>Essential characteristics</th> <th colspan="3">Performance</th> <th>Harmonised technical specification</th> </tr> <tr> <th>Work size</th> <th>LxBxH (mm)</th> <th>248</th> <th>365</th> <th>249</th> <th></th> </tr> </thead> <tbody> <tr> <td rowspan="3">Dimensional tolerance (mm)</td> <td>Mean value</td> <td colspan="3">L: -10, +5</td> <td rowspan="3">EN 771-1</td> </tr> <tr> <td>Tm (mm)</td> <td colspan="3">H: ± 1,0</td> </tr> <tr> <td>Range:</td> <td colspan="3">B: -10, +8</td> </tr> <tr> <td rowspan="2">Gross dry density</td> <td>Mean value (kg/m³)</td> <td colspan="3">L: 10</td> <td rowspan="2">EN 771-1</td> </tr> <tr> <td>Tolerance category Dm (kg/m³)</td> <td colspan="3">B: 10</td> </tr> <tr> <td colspan="2">Configuration</td> <td colspan="3">Z-17.1-1047</td> <td></td> </tr> <tr> <td rowspan="3">Compressive strength</td> <td>Category</td> <td colspan="3">LD vertically perforated clay masonry unit, Category 1</td> <td></td> </tr> <tr> <td>Mean value</td> <td colspan="3">>= 12,5 N/mm²</td> <td></td> </tr> <tr> <td>Direction of load</td> <td colspan="3">Vertical to the horizontal joint</td> <td></td> </tr> <tr> <td colspan="2">Moisture movement</td> <td colspan="3">NPD</td> <td>EN 777-1</td> </tr> <tr> <td colspan="2">Flatness of bed faces mm</td> <td colspan="3"><= 1,0</td> <td></td> </tr> <tr> <td colspan="2">Plane parallelism of bed faces mm</td> <td colspan="3"><= 1,0</td> <td></td> </tr> <tr> <td colspan="2">Active soluble salts content</td> <td colspan="3">Class SO</td> <td></td> </tr> <tr> <td colspan="2">Reaction to fire</td> <td colspan="3">Class A1</td> <td>EN 777-1</td> </tr> <tr> <td colspan="2">Water absorption (% by mass)</td> <td colspan="3">NPD</td> <td></td> </tr> <tr> <td colspan="2">Water vapour permeability t μ</td> <td colspan="3">5 / 10</td> <td>EN 1745</td> </tr> <tr> <td colspan="2">Thermal conductivity lambda (W/mK)</td> <td colspan="3">NPD see additional manufacturer's information</td> <td>EN 1745</td> </tr> <tr> <td colspan="2">Durability against freeze/thaw / Shear Bond Strength (Tabled values acc.to DIN EN 998-2, Annex. C) N/mm²</td> <td colspan="3">F0 / NPD</td> <td>EN 777-1</td> </tr> <tr> <td colspan="2">Dangerous substances</td> <td colspan="3">According to ZA.3</td> <td></td> </tr> </tbody> </table>			Essential characteristics	Performance			Harmonised technical specification	Work size	LxBxH (mm)	248	365	249		Dimensional tolerance (mm)	Mean value	L: -10, +5			EN 771-1	Tm (mm)	H: ± 1,0			Range:	B: -10, +8			Gross dry density	Mean value (kg/m ³)	L: 10			EN 771-1	Tolerance category Dm (kg/m ³)	B: 10			Configuration		Z-17.1-1047				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		<= 1,0				Plane parallelism of bed faces mm		<= 1,0				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	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 777-1	Dangerous substances		According to ZA.3				<p>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. Sign for and on</p> <p>Wöllstein, 01.03.2016</p> <p> Stefan Jungk (Managing director)</p>		
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