| Declaration of PerfomanceIdent.- N°: | 01-190-11-1-3/1 |
|---|---|
| **JUWÖ Poroton-Werke<br>Ernst Jungk & Sohn GmbH<br>D-55597 Wöllstein** | CE |
| 2018 | |
| 2510-CPR-366 | |
| EN 771-1 : 2011 + A1: 2015 | |
| LD vertically perforated clay masonry unit, Category I | |
| **248 x 190 x 249 mm** | |
| Intended use: Clay masonry unit for loadbearing and non-loadbearing protected masonry | |

| | | |
|---|---|---|
| Dimensional tolerance (mm) | Mean value Tm (mm) | Lengte: -10, +5 |
| | | Width: -10, +8 |
| | | 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 | >= 10,0 | |
| Gross dry density (Mean value) kg/m³ | 580 | |
| Gross dry density (Range Dm) kg/m³ | 560 - 600 | |
| Net dry density (Mean value) kg/m³ | <= 1400 | |
| 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 | |

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01-190-11-1-3

# ThermoPlan T 11
# TP 190/11
# λ 0,11 W/(mK)

mein ziegelhaus® ... ein starker Verbund.

Additional manufacturer´s information

| According approval Z-17.1-769 | |
|---|---|
| Product type | ThermoPlan T 11 |
| Article N° | 01-190-11-1-3 |
| Article name | TP 190/11 |
| Compressive strength (class) | 8 |
| Class of gross density kg/dm³ | 0,6 |
| Thermal Conductivity lambda W/(mK) | 0,11 |
| | |
| Permitted Compressive Stress - refer to General Building Approval | |
| | |
| Initial rate of water absorption | NPD |
| | |
| | |

## DECLARATION OF PERFOMANCE (DOP)

01-190-11-1-3/1

**1.** LD vertically perforated clay masonry unit, Category I
248 x 190 x 249 mm
Article 01-190-11-1-3

**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)

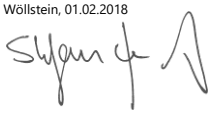
### 7. Declared performance

| Essential characteristics | | Performance | | | Harmonised technical specification |
|---|---|---|---|---|---|
| Work size | LxBxH (mm) | **248** | **190** | **249** | EN 771-1 |
| Dimensional tolerance (mm) | Mean value Tm (mm) | L: -10, +5 | | B: -10, +8 | |
| | | 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 | >= 10,0 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) | 580 | | | EN 771-1 |
| | Tolerance category Dm (kg/m3) | 560 - 600 | | | |
| Net dry density (Mean value) kg/m³ | | <= 1400 | | | |
| 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)