



DECLARATION OF PERFORMANCE

REGULATION OF THE EUROPEAN PARLIAMENT AND COUNCIL (EU) No. 305/2011
(+Commission Regulation No. 575/2014)

12/2019



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| 1. Unique identification code of the product type: | KKV-N, KKV-P |
| 2. Intended use or intended uses | Ceramic chimney flue liner Chimney flue liners operating under dry conditions (EN 1457-1) Chimney flue liners operating under wet conditions (EN 1457-2) |
| 3. Manufacturer | P-D Refractories CZ a.s. Nádražní 218, 979 63 Velké Opatovice, CZ Division 01 - Velké Opatovice, Division 03 - Svitavy |
| 4. System or systems of assessment and verification of stability of properties of a construction product | 2+ |
| 5. Harmonised norm | EN 1457-1:2012, EN 1457-2:2012 |
| 6. Name and identification number of the notified body | Notified body No. 1020 - Technical and Test Institute for Construction Prague, s.p. , Prosecká 811/76a, 190 00 Prague |

Declared properties

| Basic properties | Property | |
|---|---|---|
| | EN 1457-1 | EN 1457-2 |
| Gas permeability after thermal shock test (9.2.2) | A1 N1 (T600 N1 D 3) | A3 N1 (T600 N1) B4 P1 (T400 P1) (Type KKV-P) |
| Flow resistance (13) | 0,0015 m (pursuant to EN 13384-1) | |
| Thermal resistance (14) | 0,01 m²KW⁻¹ | |
| Fire resistance / Gas permeability after soot burns (9.2.1) | G | G (A3N1), O (B4P1) |
| Strength under pressure (8) | ≥ 10 MN/m² | |
| Acid resistance / Corrosion resistance (10.1) | ≤ 2 % | |
| Frost resistance (10.2) | compliant - 25 cycles | |
| Abrasion resistance (12) | ≤ 0,03 kg/m³ | |
| Durability / Condensation resistance (13) | | WA 3 |
| Hazardous substances | compliant | |

Properties of the aforementioned products comply with the set of declared properties.

This declaration about properties is issued, in compliance with the provision (EU) No. 305/2011, at the exclusive responsibility of the manufacturer stipulated above.

Signed on behalf of the manufacturer and in his name:

Ing. Milan Mazura – Quality Manager

(name and position)

Velké Opatovice, 01.02.2019