Rev. 00 - 01.06.2023

# Declaration of Performance

## DoP n. 5 - Wood Basic

### 1 UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

Wood Basic

### 2 INTENDED USE

Connecting flue pipe from the appliance to the chimney.

### 3 MANUFACTURER

FUMUS - Via Enrico fermi, 16/A / I-36010 Chiuppano (VI) – Italy / e-mail: info@fumusfluepipe.com

### 4 REPRESENTATIVE

Not applicable

### 5 VVCP SYSTEMS

System 2+

### 6a HARMONISED STANDARD

EN 1856-2:2009 - Notified body: **KIWA CERMET Italia Spa**, with identification number 0476, issued certificate No. **0476-CPR-7509** of conformity of the factory production control.

### 6b EUROPEAN ASSESSMENT DOCUMENT

Not applicable

### 7 DECLARED PERFORMANCE

| Diameters - mm | Reference Standard | Designation | Sealing Elastomers |
|---|---|---|---|
| 100÷125 | EN 1856-2 | T600-N1-W-V2-L80050-G375NM | Not present |
| 130÷150 | EN 1856-2 | T600-N1-W-V2-L80050-G450NM | Not present |
| 153÷200 | EN 1856-2 | T600-N1-W-V2-L80050-G600NM | Not present |

| Essential characteristics | Performance | Harmonized technical specification |
|---|---|---|
| Total thickness after enamel-coating | 0,7mm | EN 1856-2:2009 |
| Compressive strength | NPD | |
| Fire resistance | Diam. 100÷125 G375NM | |
| | Diam. 130÷150 G450NM | |
| | Diam. 153÷200 G600NM | |
| Gas tightness | N1 (≤ 2 $ls^{-1}m^{-2}$ at 40 Pa) | |
| Roughness coefficient | 0.1 mm (stated) | |
| Flow resistance | | |
| D. 120x1000 | 0,7 dp (Pa) at 6 m/s | |
| D. 120 - 90° elbow | 7,5 dp (Pa) att 6 m/s | |
| D. 120 - 45° elbow | 4,9 dp (Pa) at 6 m/s | |
| Thermal resistance | NPD | |

CE

| Essential characteristics | Performance | Harmonized technical specification |
|---|---|---|
| Thermal shock resistance | | EN 1856-2:2009 |
| Sootfire resistance | G - Test passed | |
| Temperature class | T600 | |
| Flexural strength | NPD | |
| Resistance to steam and/or condensate | W - Test passed | |
| Corrosion resistance | Class V2 | |
| Freeze/thaw resistance | NPD | |

## 8 APPROPRIATE TECHNICAL DOCUMENTATION AND/OR SPECIFIC TECHNICAL DOCUMENTATION

See instructions for ***Wood Basic*** Model on following page.

The performance of the above-mentioned product complies with the combination of performances declared.
This declaration of responsibility is issued pursuant to Regulation (EU) no. 305/2011 at the exclusive responsibility of the manufacturer above.

Chiuppano 01 June 2023

**Director**
Gianbattista Savegnago

# Instructions
## Wood Basic

## MANUFACTURER

FUMUS, Via Enrico Fermi 16/A I 36010 – Chiuppano (VI) Italy

## PRODUCT DESIGNATION IN ACCORDANCE WITH EN 1856-2:2009

| Diameters - mm | Reference Standard | Designation | Sealing Elastomers |
|---|---|---|---|
| 100÷125 | EN 1856-2 | T600-N1-W-V2-L80050-G375NM | Not present |
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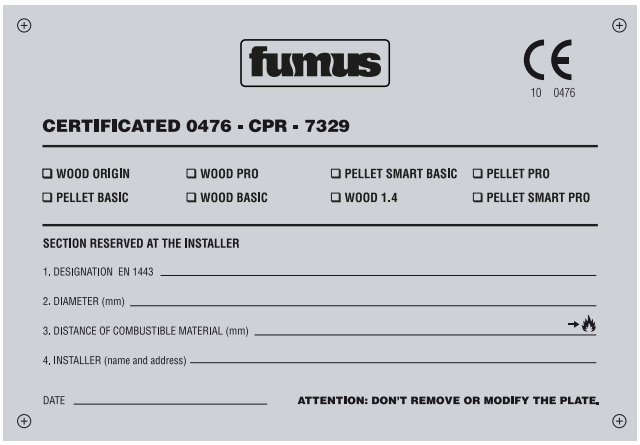
## CHARACTERISTICS

- Double sided vitreous enamelled steel single wall connecting flue pipe. Total thickness (steel + enamel) 0.7 mm.
- Maximum operating temperature: 600°C.
- Suitable for operating with natural draught appliances also in wet conditions (in the presence of condensate) when installation is performed as described below.

## ASSEMBLY INSTRUCTIONS

- ***Wood Basic*** flue pipes are cylindrical with a taper at one end that serves as a socket to permit connection with other elements.
- Before installing, make sure that the vitreous enamel coating is undamaged in the inner side too.
- Wet operation conditions (when condensate is present inside the pipe): the pipes must be assembled in anti-condensate mode (with the female end of the pipe above and the male end below), ensuring in the non-vertical section a slope of at least 3°.
- Minimum distance from combustible materials: see DoP no. 5.
- In non-vertical installations: fix every piece with a pipe holder.
- Before starting the operations, check the correct draught of flue system (connecting flue pipe + chimney).
- In any case, installation must be in accordance with the technical standards of the country.
- Avoid any tampering, cutting or other operations that could affect the validity of the properties declared in the DoP and therefore of the CE marking.

## FILLING OUT THE FLUE PIPE PLATE




❑ Tick the box indicating the line of product installed
**1.** Enter the designation of the line of product as shown in its DoP
**2.** Enter the diameter in mm
**3.** Enter the distance from combustible materials expressed as designated
**4.** Enter the name of the installer
**DATE** Enter the date of installation

## CLEANING

Connecting flue pipes must be periodically cleaned to ensure the stove has a suitable draught and operates well as a consequence. Periodic cleaning also prevents the so-called sootfire, in other words the lighting of unburnt parts deposited inside the pipe.
The use of inspectable elbow connectors permits cleaning without requiring the disassembly of the parts: all you need to do is remove the inspection opening and then use a vacuum cleaner to suck up the soot from inside.

*CLEANING INTERVAL:* every 3 months of operation. Wherever long and especially horizontal sections are installed, cleaning should be performed more frequently.

## INSPECTION

The flue pipes must be checked periodically during the cleaning operations in order to ensure that they are in good conditions. In case of sootfire, an expert technician should inspect the flue system.

## STORAGE INSTRUCTIONS

Avoid all impact.