




49 D.o.P. - 01.07.2013 | Declaration of Performance (D.o.P.)

in accordance with Delegated Regulation (EU) No. 574/2014

| | | | |
|---|--|---|------------------------------------|
| Identifying logo | | | |
| Certification body  <p>ISTITUTO GIORDANO Qualità al Plurale.</p> | CE Marking  <p>16 0407</p> | Recycling  <p>40 FE</p> | |
| 1. Unique identification code of the product-type: Micro Fire Stop wooden floor and roof crossing element. System tested and certified together with STABLEPD chimney system (without gaskets). STABLEMFS Diameter range: Ø80-Ø300 Clearance of roof crossing to combustible materials G(00) Chimney system designation* T600 - N1 - D - V2 - L50050 - G(175) EN 1856-1: 2009 Chimney system* - Without gasket Note:* For the clearance of the wooden floor and roof crossing element to combustible materials only, see Table 1 of this D.o.P. | | | |
| 2. Intended use: Convey combustion air to the appliance and combustion gases from the appliance to the outside atmosphere. | | | |
| 3. Manufacturer: M&G Group Italy S.p.A. Via Fratelli Kennedy, 1 - 21055 Gorla Minore (VA) Tel.: ++39 0331.366.193 Fax: ++39 0331.366.021 @: info@stabile.it | | | |
| 4. Authorised representative: Not applicable | | | |
| 5. AVCP system/s: System 2+ | | | |
| 6. Harmonised standard: EN 1856-1: 2009 Chimneys Requirements for metal chimneys Part 1: System chimney products | | | |
| - Notified body/ies: 0407 • Istituto Giordano S.p.A. Via Rossini, 2 - 47814 Bellaria - Igea Marina (RN) - Italy - Certificate of conformity No.: 0407 - CPR - 1177 (IG - 083 - 2016) Date of first issue: 16/05/2016 | | | |
| 7. Declared performance/s: | | | |
| Essential characteristics | Performance | | Harmonised technical specification |
| Temperature class | T600 | 600°C | EN 1856-1: 2009 |
| Gas tightness class | N1 | 40 Pa | |
| Condensation durability class | D | Dry | |
| Corrosion durability class | V2 | Liquid, gaseous and woody biomass fuels | |
| Type of material | L50 | 1,4404-AISI 316L | |
| Internal wall thickness | 050 | 0.5 mm. | |
| Fire resistance class | G | Resistant to sootfire | |
| Clearance of Micro Fire Stop to combustible material | 00 | 0 mm. | |
| Freeze/thaw durability | Pass | | |

The performance of the above product complies with the declared performance.

This declaration of performance is issued in accordance with Regulation (EU) 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Emanuele Grampa
 Place and date
 Gorla Minore, 01/09/2016

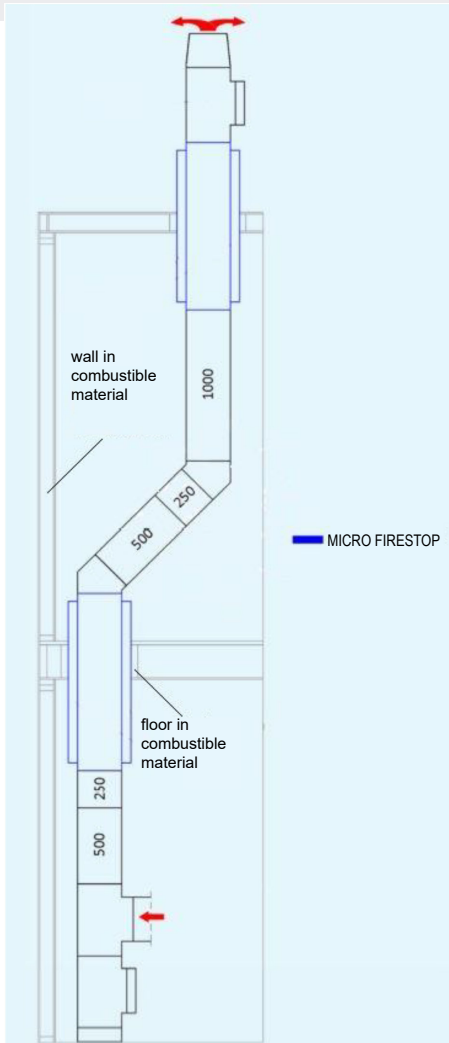
Signature



49 D.o.P. - 01.07.2013 | Annex: TEST REPORT

in accordance with Delegated Regulation (EU) No. 574/2014

Table 1 - Clearance of **STABILEMFS** Micro Fire Stop wooden floor and roof crossing element to combustible materials



Test no. 1 - Heat resistance

Temperature class | T600

STABILEMFS ROOF CROSSING

Clearance to combustible materials | **0 mm from walls of floors**
 150 mm from combustible walls of rooms

| | | Chimney | Upper crossing | Lower crossing |
|---|---------------------------|---------|----------------|----------------|
| Maximum temperature of adjacent combustible surfaces | Before thermal shock test | 34.9°C | 48.1°C | 62.0°C |
| | After thermal shock test | 35.5°C | 47.8°C | 63.4°C |
| Maximum temperature on external metal walls facing the room | Before thermal shock test | 191°C | // | 53.7°C |
| | After thermal shock test | 186°C | // | 54.0°C |

Results obtained with test temperature of 700°C according to Art. 6.6.3 UNI 1856-1

Test no. 2 - Thermal shock

STABILEMFS ROOF CROSSING

Clearance to combustible materials | **0 mm from walls of floors**
 150 mm from combustible walls of rooms

| | | |
|--|---------------------------|--------|
| Maximum temperature of adjacent combustible surfaces | Before thermal shock test | 48.7°C |
| | After thermal shock test | 80.0°C |

Chimney

Clearance to combustible materials | 175mm
 Temperature reached on adjacent combustible surfaces | 46.0°C

Results obtained with test temperature of 1000°C according to Art. 4.5.3.2 UNI EN 1859.

The data in Table 1 has been extrapolated from test no. 344080 of 17/07/2017; the sample was tested assembled with products in the **STABILEPD** line.

Signed for and on behalf of the manufacturer by:

Quality Manager
 Emanuele Grampa

Place and date of first issue:
 Gorla Minore, 01/09/2016

Signature

