1. Unique identification code of the product-type: **CFDM**

2. Products: **Dampers – Fire dampers**
   
   **Intended use**: Fire safety. To be used in conjunction with partitions to maintain fire compartments in heating, ventilating and air conditioning installations.

   **Technical documentation – product information, instruction for installation and maintenance, safety information**: Technical specifications **TPM 118/16**

3. Manufacturer: **MANDÍK, a.s.**
   
   Dobříšská 550, 26724 Hostomice, Czech Republic
   
   ID 26718405, tel. +420 311 706 706
   
   mandik@mandik.cz, www.mandik.com

5. **System of AVCP**: System 1

6. **Harmonised standard**: EN 15650:2010
   
   **Notified body**: Notified body No. 1391 PAVUS, a.s., Prosecká 412/74, 190 00 Praha 9 – Prosek

   **Output documents of the notified body**
   
   Certificate of Constancy of Performance No. 1391-CPR-2020/0129
   

7a. **Declared performances – fire resistance classification**

   **Essential characteristics in accordance with EN 15650:2010, art. 4.1.1**

   **Fire separating construction, location of the damper**

   **Installation type, installation system**
   
   **Performance – class of fire resistance**

   **Solid wall construction – damper in the wall – 100 mm min. wall thickness**
   
   Mortar or gypsum ¹)
   
   Mineral wool with fire protection coating and cement lime plate ¹)
   
   As per purchase order
   
   EI 120 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 90 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 60 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S.

   Mineral wool boards with fire protection coating ¹)
   
   As per purchase order
   
   EI 90 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 60 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S.

   **Gypsum plasterboard wall construction – damper in the wall – 100 mm min. wall thickness**
   
   Mortar or gypsum ¹)
   
   Mineral wool with fire protection coating and cement lime plate ¹)
   
   As per purchase order
   
   EI 120 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 90 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 60 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S.

   Mineral wool boards with fire protection coating ¹)
   
   As per purchase order
   
   EI 90 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 60 (v<sub>0</sub> h<sub>0</sub> i<sub>→</sub> o) S.

   **Solid ceiling construction – damper in the ceiling – ceiling thickness – min. 110 mm for concrete – min. 125 mm for aerated concrete**
   
   Mortar or gypsum ¹)
   
   Mineral wool plates with fire protection coating ¹)
   
   As per fire resistance class shown on the purchase order
   
   EI 90 (h<sub>0</sub> i<sub>→</sub> o) S, or
   
   EI 60 (h<sub>0</sub> i<sub>→</sub> o) S.

¹) Refer to **Technical documentation** for the details of the installation type / installation system.
### 7b. Declared performances – other essential characteristics

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Requirements (provisions of the harmonised standard EN 15650:2010)</th>
<th>Performance (lever or class) / Compliance with the requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal activation conditions/sensitivity:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– sensing element load bearing capacity</td>
<td>4.2.1.2</td>
<td>Conforms</td>
</tr>
<tr>
<td>– sensing element response temperature</td>
<td>4.2.1.2.2</td>
<td>Conforms</td>
</tr>
<tr>
<td>Response delay (response time):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– closure time</td>
<td>4.2.1.3</td>
<td>Conforms</td>
</tr>
<tr>
<td>Operational reliability:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– cycling</td>
<td>4.3.1, a)</td>
<td>0 cycles – conforms</td>
</tr>
<tr>
<td>Durability of response delay:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– sensing element response to temperature and load bearing capacity</td>
<td>4.2.1.2.2, 4.2.1.2.3</td>
<td>Conforms</td>
</tr>
<tr>
<td>Durability of operational reliability:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– opening and closing cycle tests</td>
<td>4.3.3.2</td>
<td>NPD – no performance determined</td>
</tr>
</tbody>
</table>

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

In Hostomice, 20 August 2020

Marcel Mandik  
CEO  
MANDÍK, a.s.