

**EKSPLUATĀCIJAS ĪPAŠĪBU DEKLARĀCIJA N. CPR-IT1/0449**

- 1) Unikāls produkta tipa identifikācijas kods: **MAPEFLEX MS45**
- 2) Paredzētais pielietojums: Poliuretāna bāzes hermētiķis nestrukturālajiem darbiem iekšējās un ārpus tām, fasāžu elementiem un gājēju ceļiem, arī aukstos klimatiskajos apstākļos
- 3) Ražotājs: MAPEI S.p.A. – **Via Cafiero, 22 – 20158 Milan – Italy - [www.mapei.it](http://www.mapei.it)**
- 4) Sistēma AVCP: Sistēma 3
- 5) Vienotais standarts: EN 15651-1:2012, EN 15651-4:2012

Izpildinstitūcijas: **Laboratorija Tecnia Research & Innovation, N. 1292, veikusi novērtējumu, pamatojoties uz testa paraugiem, ko iesniedzis ražotājs.**

**Laboratorija CSI S.p.A., N. 0497, veikusi novērtējumu (ugunsdrošības noteikšana), pamatojoties uz testa paraugiem, ko iesniedzis ražotājs.**

- 6) Deklarētās veiktspējas īpašības:

**EN 15651-1 F-EXT-INT-CC (Klase 20HM)**  
**Pakļaušana dažādiem laika apstākļiem: Metode B**  
**Pamatne: Java M2 ar PRIMER FD**

| Būtiskākie raksturlielumi                                                                                                                                                                                                                                                                                                                                                                                                   | Ekspluatācijas īpašības                                                                                                           |
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| <b>Uguns reakcija</b><br><b>Kaitīgu vielu izdalīšanās Ūdenss</b><br><b>necaurlaidība un gaisa</b><br><b>necaurlaidība:</b> <ul style="list-style-type: none"> <li>– <b>Plūsmas noturība</b></li> <li>– <b>Apjoma zudums</b></li> <li>– <b>Stiepes īpašības pie pastāvīga pagarinājuma, pēc iegremdēšanas ūdenī, pie 23°C</b></li> <li>– <b>Stiepes īpašības pie pastāvīga pagarinājuma pie - 30°C ilgumāžība</b></li> </ul> | <b>Klase E</b><br><b>Skat DDL</b><br><br><b>≤ 3 mm</b><br><b>≤ 10 %</b><br><b>Atbilst</b><br><b>Atbilst</b><br><br><b>Atbilst</b> |

EN 15651-4 PW-EXT-INT-CC (Klase20HM)

*Pakļaušana klimatiskajiem apstākļiem: metode B*

*Pamatne: Java M2 ar PRIMER FD*

| Būtiskākie raksturlielumi                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ekspluatācijas īpašības                                                                                                                                                    |
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| <b>Uguns reakcija</b><br><b>Bīstamu vielu izdalīšanās</b><br><b>Ūdens un gaisa caurlaidība:</b><br>– Stiepes īpašības uzturētā pagarinājumā<br>– Apjoma zudums<br>– Noturība pret plīsumiem<br>– Adhēzijas un kohēzijas īpašības pie uzturēta pagarinājuma, pēc iegremdēšanas ūdenī<br>– Adhēzijas un kohēzijas īpašības pie uzturēta pagarinājuma, pēc iegremdēšanas sāls ūdenī<br>– Stiepes īpašības, saglabājot pagarinājumu -30 ° C<br><b>Ilgmūžība</b> | <b>Klase E</b><br><b>Skat DDL</b><br><b>Atbilst</b><br><b>≤ 10 %</b><br><b>Atbilst</b><br><b>Atbilst</b><br><br><b>Atbilst</b><br><br><b>Atbilst</b><br><br><b>Atbilst</b> |

Augstāk norādītā produkta veiktspēja atbilst deklarētajām īpašībām.

Šī ekspluatācijas īpašību deklarācija ir izsniegta saskaņā ar Regulu (ES) Nr 305/2011, ar pilnu iepriekš norādītā ražotāja atbildību.

Parakstīts ražotāja vārdā: Paolo Murelli – Korporatīvā Kvalitātes Vadība

**Milāna, 09/02/2016**

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EĪD PDF formātā ir pieejamas Mapei mājas lapā

|                   |                                                |
|-------------------|------------------------------------------------|
| <i>Pārskats 1</i> | <i>Nemainīgs produkts, atjaunota EID forma</i> |
|-------------------|------------------------------------------------|

## CE marking

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| <div><div><div>CE</div><div>1292, 0497</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div><div><div><div><div></div><div></div><div></div></div><div>MAPEI</div></div><div>Via Cafiero, 22 – 20158 Milano (Italy)</div><div>www.mapei.it</div></div></div> |                                                                                                                                                               |
| <div>14</div> <div>CPR-IT1/0449</div> <div>EN 15651-1 F-EXT-INT-CC</div> <div>EN 15651-4 PW-EXT-INT-CC</div> <div>MAPEFLEX MS45</div> <div>Sealant for non–structural internal and external use in façade elements and pedestrian walkways, also in cold climates</div>                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                       |                                                                                                                                                               |
| <div>Conditioning: method B</div> <div>Substrate: mortar M2 with PRIMER FD</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                       |                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EN 15651-1                                                                                                                                                            | EN 15651-4                                                                                                                                                    |
| <div>Reaction to fire</div> <div>Release of dangerous substances</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Class E<br>See SDS                                                                                                                                                    |                                                                                                                                                               |
| <div>Water tightness and air tightness:</div> <div>– Resistance to flow</div> <div>– Loss of volume</div> <div>– Tensile properties at maintained extension after immersion in water at 23°C</div> <div>– Tensile properties at maintained extension</div> <div>– Tear resistance</div> <div>– Adhesion and cohesion properties at maintained extension after immersion in water</div> <div>– Adhesion and cohesion properties at maintained extension after immersion in salt water</div> <div>– Tensile properties at maintained extension at -30°C</div> <div>Durability</div> | <div>≤ 3 mm</div> <div>≤ 10 %</div> <div>Pass</div> <div>==</div> <div>==</div> <div>==</div> <div>==</div> <div>==</div> <div>Pass</div> <div>Pass</div>             | <div>==</div> <div>≤ 10 %</div> <div>==</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> <div>Pass</div> |

### CE reminder printed on the cartridge

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| <br>1292,0497<br>14<br>CPR-IT1/0449<br>EN 15651-1 F-EXT-INT-CC<br>EN 15651-4 PW-EXT-INT-CC |  |
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#### Piezīme:

MAPEI nodrošina šo pielikumu kopā ar EĪD, lai atvieglotu CE marķējuma skaidrojumu starptautiskajiem klientiem. Pievienotais CE marķējums var būt nedaudz atšķirīgs, salīdzinot ar to, kas norādīts uz attiecīgā iepakojuma vai dokumentācijas, jo:

- Dēļ grafiskā pielāgojuma uz iepakojuma vai izmantotās drukāšanas metodes,
- Dēļ valodu atšķirības (viens iepakojums vairākām valstīm),
- produkts ir jau krājumā uz brīdi, kad tiek ieviests CE marķējuma atjauninājums,
- Drukas kļūdas dēļ.

**DECLARATION OF PERFORMANCE N. CPR-IT1/0449**

- 1) Unique identification code of the product-type: **MAPEFLEX MS45**
- 2) Intended uses: **sealant for non-structural internal and external use in façade elements and pedestrian walkways, also in cold climates**
- 3) Manufacturer: **MAPEI S.p.A. – Via Cafiero, 22 – 20158 Milan – Italy - [www.mapei.it](http://www.mapei.it)**
- 4) Systems of AVCP: **System 3**
- 5) Harmonized standards: **EN 15651-1:2012, EN 15651-4:2012**

Notified bodies: **The notified laboratory Tecnia Research & Innovation, N. 1292, carried out the assessment of the performance on the basis of testing on samples taken by the manufacturer.**

**The notified laboratory CSI S.p.A., N. 0497, carried out the assessment of the reaction to fire on the basis of testing on samples taken by the manufacturer.**

- 6) Performances declared:

**EN 15651-1 F-EXT-INT-CC (CLASS 20HM)**

**Conditioning: Method B**

**Substrate: Mortar M2 with PRIMER FD**

| Essential characteristics                                                     | Performances |
|-------------------------------------------------------------------------------|--------------|
| Reaction to fire                                                              | Class E      |
| Release of dangerous substances                                               | See SDS      |
| Water tightness and air tightness:                                            |              |
| – Resistance to flow                                                          | ≤ 3 mm       |
| – Loss of volume                                                              | ≤ 10 %       |
| – Tensile properties at maintained extension after immersion in water at 23°C | Pass         |
| – Tensile properties at maintained extension at -30°C                         | Pass         |
| Durability                                                                    | Pass         |

**EN 15651-4 PW-EXT-INT-CC ( CLASS 20HM )**

**Conditioning:** *method B*

**Substrate:** *Mortar M2 with PRIMER FD*

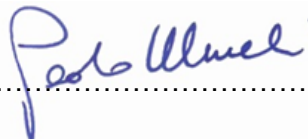
| Essential characteristics                                                                | Performances |
|------------------------------------------------------------------------------------------|--------------|
| Reaction to fire                                                                         | Class E      |
| Release of dangerous substances                                                          | See SDS      |
| Water tightness and air tightness:                                                       |              |
| – Tensile properties at maintained extension                                             | Pass         |
| – Loss of volume                                                                         | ≤ 10 %       |
| – Tear resistance                                                                        | Pass         |
| – Adhesion and cohesion properties at maintained extension after immersion in water      | Pass         |
| – Adhesion and cohesion properties at maintained extension after immersion in salt water | Pass         |
| – Tensile properties at maintained extension at -30°C                                    | Pass         |
| Durability                                                                               | Pass         |

The performance of the product identified above is in conformity with the set of declared performances.

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: **Paolo Murelli – Corporate Quality Management**

**Milan, 09/02/2016**



*DoP in Pdf format are available in the Mapei website.*

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Revision 1 notes:</b> | <i>Unchanged product, DoP layout updated</i> |
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## CE marking

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| <div><br/>1292, 0497</div>                                                                                                                                                                                                                                                                                                                                                                                    | <div><b>MAPEI</b></div> <div>Via Cafiero, 22 - 20158 MILANO – ITALY</div> <div>www.mapei.it</div> |                                                                            |
| <div>14</div> <div>CPR-IT1/0449</div> <div>EN 15651-1 <i>F-EXT-INT-CC</i></div> <div>EN 15651-4 <i>PW-EXT-INT-CC</i></div> <div>MAPEFLEX MS45</div> <div>Sealant for non–structural internal and external use in façade elements and pedestrian walkways, also in cold climates</div>                                                                                                                                                                                                          |                                                                                                                                                                                    |                                                                            |
| Conditioning: method B<br>Substrate: mortar M2 with PRIMER FD                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                    |                                                                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EN 15651-1                                                                                                                                                                         | EN 15651-4                                                                 |
| Reaction to fire<br>Release of dangerous substances                                                                                                                                                                                                                                                                                                                                                                                                                                            | Class E<br>See SDS                                                                                                                                                                 |                                                                            |
| Water tightness and air tightness:<br>– Resistance to flow<br>– Loss of volume<br>– Tensile properties at maintained extension after immersion in water at 23°C<br>– Tensile properties at maintained extension<br>– Tear resistance<br>– Adhesion and cohesion properties at maintained extension after immersion in water<br>– Adhesion and cohesion properties at maintained extension after immersion in salt water<br>– Tensile properties at maintained extension at -30°C<br>Durability | ≤ 3 mm<br>≤ 10 %<br><br>Pass<br>==<br>==<br>==<br><br>==<br>Pass<br>Pass                                                                                                           | ==<br>≤ 10 %<br><br>==<br>Pass<br>Pass<br>Pass<br><br>Pass<br>Pass<br>Pass |

### CE reminder printed on the cartridge

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| <br>1292,0497<br>14<br>CPR-IT1/0449<br>EN 15651-1 F-EXT-INT-CC<br>EN 15651-4 PW-EXT-INT-CC |  |
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#### Note:

MAPEI supplies the current annex along with the DoP to make the consultancy of the CE marking easier for the international clients. The enclosed CE marking can be slightly different compared to the one printed on the relevant packaging or documentation because of:

- graphic adaptations due to lack of space on the packaging or printing methods used,
- different language (the same packaging can be shared by several countries),
- the product is already in stock when the updating of the CE marking is implemented,
- printing mistakes.