

Declaration of Performance

Kemasil

Number of Declaration of Performance:

01 S5017 Kemasil

1. Unique identification code of the product-type:
S5017 Kemasil
 2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
S5017 Kemasil
 3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
 - **Sealant for façade for interior and exterior application, intended for use in cold climate.**
 - **Sealant used for sealing glazing applications, intended for use in cold climate.**
 - **Sealant for sanitary joints.**
 - **Sealant used for pedestrian walkways for interior application.**

In accordance with the applicable harmonised technical specification:

 - **EN 15651-1:2012 : Type F: EXT-INT-CC; 25LM**
 - **EN 15651-2:2012 : Type G-CC; 25LM**
 - **EN 15651-3:2012 : Type S; XS1**
 - **EN 15651-4:2012 : Type PW: INT; 25LM**
 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
Kema d.o.o.
Puconci 393
9201 Puconci, Slovenia
Factory: S5017
 5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):
-
 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
System 3
System 3 for reaction to fire
 7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:
The notified body: ZAG, NB 1404
-

(name and identification number of the notified body, if relevant)

performed Determination of Product Type under system 3

(description of the third party tasks as set out in Annex V)

and issued Product Type Examination Report

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: -

(name and identification number of the Technical Assessment Body, if relevant)

issued -

(reference number of the European Technical Assessment)

on the basis of -

(reference number of the European Assessment Document)

performed - under system -

(description of the third party tasks as set out in Annex V)

and issued -

(certificate of constancy of performance, certificate of conformity of the factory production control, test/calculation reports – as relevant)

9. Declared performance:

| Essential Characteristics | Performance | Harmonized technical specification | |
|---|-------------|------------------------------------|------------|
| TYPE F: EXT-INT | | EN 15651-1 | |
| Reaction to fire | Class E | | |
| Release of chemicals dangerous to the environment | NPD | | |
| Water tightness and air tightness | NPD | | |
| Resistance to flow | ≤ 3 mm | | |
| Loss of Volume | ≤ 10% | | |
| Adhesion / cohesion at maintained extension after water immersion | NF | | |
| Elastic recovery | ≥ 70% | | |
| Tensile properties, secant modulus at 23°C | ≤ 0,4 MPa | | |
| Tensile properties, secant modulus at - 20°C | ≤ 0,6 MPa | | |
| Tensile properties at maintained extension | NF | | |
| Adhesion/cohesion at variable temperatures | NF | | |
| Durability | Pass | | |
| TYPE F: EXT-INT-CC | | EN 15651-2 | |
| Tensile properties, secant modulus | ≤ 0,9 MPa | | |
| Tensile properties at maintained extension | NF | | |
| TYPE G: | | | EN 15651-2 |
| Reaction to fire | Class E | | |
| Release of chemicals dangerous to the environment | NPD | | |
| Water tightness and air tightness | NPD | | |
| Resistance to flow | ≤ 3 mm | | |
| Loss of Volume | ≤ 10% | | |
| Elastic recovery | ≥ 60% | | |
| Tensile properties, secant modulus at 23°C | ≤ 0,4 MPa | | |
| Tensile properties, secant modulus at - 20°C | ≤ 0,6 MPa | | |
| Tensile properties at maintained extension | NF | | |
| Adhesion/cohesion at variable temperatures | NF | | |
| Adhesion / cohesion at maintained | | | |

| | | |
|--|-----------|------------|
| extension after water immersion | NF | |
| Adhesion/cohesion after exposure to heat, water and artificial light | NF | |
| Resistance to compression | 0,31 MPa | |
| Durability | Pass | |
| TYPE G-CC | | |
| Tensile properties, secant modulus | ≤ 0,9 MPa | |
| Tensile properties at maintained extension | NF | |
| TYPE S | | |
| Reaction to fire | Class E | |
| Release of chemicals dangerous to the environment | NPD | |
| Water tightness and air tightness | NPD | EN 15651-3 |
| Resistance to flow | ≤ 3 mm | |
| Loss of Volume | ≤ 20% | |
| Adhesion / cohesion at maintained extension after water immersion | NF | |
| Microbiological growth | 0 | |
| Durability | Pass | |
| TYPE PW: INT | | |
| Reaction to fire | Class E | |
| Release of chemicals dangerous to the environment | NPD | |
| Water tightness and air tightness | NPD | |
| Resistance to flow | ≤ 3 mm | EN 15651-4 |
| Loss of Volume | ≤ 10% | |
| Elastic recovery | ≥ 70% | |
| Tensile properties, secant modulus at 23°C | ≤ 0,4 MPa | |
| Tensile properties, secant modulus at - 20°C | ≤ 0,6 MPa | |
| Tensile properties at maintained extension | NF | |
| Adhesion/cohesion at variable temperatures | NF | |
| Adhesion / cohesion at maintained extension after water immersion | NF | |
| Tear resistance | NF | |
| Durability | Pass | |

10.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:
Chief of department of development and quality:

Stanko Polajner univ.dipl.inž.met.
Puconci, 29.09.2014


KEMA Puconci d.o.o.