DECLARATION OF PERFORMANCE
according annex III of the regulation (EU) No. 305/2011

for the product

# SCHÖNOX ES

No. 315110303

1. Unique identification code of the product type

**EN 15651-1:2012 F-EXT-INT-CC**
**EN 15651-2:2012 G-CC**
**EN 15651-3:2012 S**
**EN 15651-4:2012 PW-EXT-INT-CC**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR

**batch number: see packaging of the product**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer

**Sealant for facade for interior and exterior application (intended for use in cold climates)**
**Sealant used for sealing glazing applications (intended for use in cold climate)**
**Sealant for joints in sanitary areas**
**Sealant for movement joints in floors for interior and exterior applications (intended for use in cold climate)**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5) of the CPR

**Sika Deutschland GmbH**
**Niederlassung Rosendahl**
**Alfred-Nobel-Str. 6**
**48720 Rosendahl / Germany**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)

**not applicable**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V

**System 3 for the type testing and System 3 for the reaction to fire**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard

**The notified body 1213, SKZ Tecona GmbH carried out the determination of the product type on the basis of type testing under sytem 3 and issued: test report. The notified body 1213, SKZ Tecona GmbH performed the determination of reaction to fire class on the basis of type testing under sytem 3 and issued: Classification report**

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

**not applicable**

9. Declared performance

9.1 According to EN 15651-1:2012 F-EXT-INT-CC

Conditioning method: Method A
Substrate: Aluminium, Glass

| **Essential characteristics** | **Performance** | **Test standard** | **Harmonized technical specification** |
|---|---|---|---|
| Reaction to fire Class | Class E | EN 13501-1:2010 | EN 15651-1:2012 |
| Release of chemicals dangerous to the environment and health | No Performance Determined | | EN 15651-1:2012 |
| Water tightness and air tighness | | | |
| Resistance to flow | ≤ 3 mm | EN ISO 7390 | EN 15651-1:2012 |
| Loss of volume | ≤ 10 % | EN ISO 10563 | EN 15651-1:2012 |
| Tensile properties (i.e. elongation) after immersion in water at 23°C (Plastic) | No Performance Determined | EN ISO 10591 | EN 15651-1:2012 |
| Tensile Properties at maintained extension after water immersion (elastic) | No Failure (NF) | EN ISO 10590 | EN 15651-1:2012 |
| Tensile properties, i.e. secant modulus for non-structural low modulus sealants used in joints in cold climate (-30°C) | ≤ 0,9 Mpa | EN ISO 8339 | EN 15651-1:2012 |
| Tensile properties at maintained extension for non-structural sealants used in joints in cold climate (-30°C) | No Failure (NF) | EN ISO 8340 | EN 15651-1:2012 |
| Durability | pass | EN ISO 8340<br>EN ISO 10590 | EN 15651-1:2012 |

9.2 According to EN 15651-2:2012 G-CC

Conditioning method: Method A
Substrate: Aluminium, Glass

| **Essential characteristics** | **Performance** | **Test standard** | **Harmonized technical specification** |
|---|---|---|---|
| Reaction to fire Class | Class E | EN 13501-1:2010 | EN 15651-2:2012 |
| Release of chemicals dangerous to the environment and health | No Performance Determined | | EN 15651-2:2012 |
| Water tightness and air tighness | | | |
| Loss of volume | ≤ 10 % | EN ISO 10563 | EN 15651-2:2012 |
| Resistance to flow | ≤ 3 mm | EN ISO 7390 | EN 15651-2:2012 |
| Adhesion/cohesion properties after exposure to heat water and artificial light | No Failure (NF) | EN ISO 11431 | EN 15651-2:2012 |
| Elastic recovery | ≥ 60 % at 60% elongation | EN ISO 7389 | EN 15651-2:2012 |
| Tensile properties, i.e. secant modulus for non-structural low modulus sealants used in joints in cold climate (-30°C) | ≤ 0,9 Mpa | EN ISO 8339 | EN 15651-2:2012 |
| Tensile properties at maintained extension for non-structural sealants used in joints in cold climate (-30°C) | No Failure (NF) | EN ISO 8340 | EN 15651-2:2012 |
| Durability | pass | EN ISO 8340<br>EN ISO 10590 | EN 15651-2:2012 |

9.3 According to EN 15651-3:2012 S

Conditioning method: Method A
Substrate: Aluminium, Glass

| **Essential characteristics** | **Performance** | **Test standard** | **Harmonized technical specification** |
|---|---|---|---|
| Reaction to fire Class | Class E | EN 13501-1:2010 | EN 15651-3:2012 |
| Release of chemicals dangerous to the environment and health | No Performance Determined | | EN 15651-3:2012 |
| Water tightness and air tighness | | | |
| Resistance to flow | ≤ 3 mm | EN ISO 7390 | EN 15651-3:2012 |
| Loss of volume | ≤ 20 % | EN ISO 10563 | EN 15651-3:2012 |
| Adhesion/cohesion properties at maintained extension after immersion in water (Class S) | No Failure (NF) | EN ISO 10591 | EN 15651-3:2012 |
| Adhesion/cohesion properties at maintained extension after water immersion (Class XS) | No Performance Determined | EN ISO 10590 | EN 15651-3:2012 |
| Microbiological growth | 1 | EN ISO 846 | EN 15651-3:2012 |
| Durability | pass | EN ISO 8340<br>EN ISO 10590 | EN 15651-3:2012 |

9.4 According to EN 15651-4:2012 PW-EXT-INT-CC

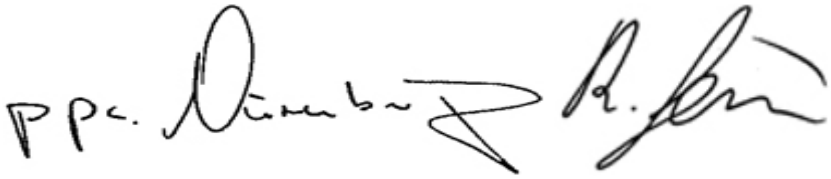
Conditioning method: Method A
Substrate: Mortar M1, Casco Primer 21

| **Essential characteristics** | **Performance** | **Test standard** | **Harmonized technical specification** |
|---|---|---|---|
| Reaction to fire Class | Class E | EN 13501-1:2010 | EN 15651-4:2012 |
| Release of chemicals dangerous to the environment and health | No Performance Determined | | EN 15651-4:2012 |
| Water tightness and air tighness | | | |
| Tensile properties at maintained extension | No Failure (NF) | EN ISO 8340 | EN 15651-4:2012 |
| Loss of volume | ≤ 10 % | EN ISO 10563 | EN 15651-4:2012 |
| Tear resistance | No Failure (NF) | EN ISO 8340 | EN 15651-4:2012 |
| Adhesion/cohesion properties at maintained extension after 28 days water immersion | NF , change of secant moduls: < 50 % | EN ISO 10590 | EN 15651-4:2012 |
| Adhesion/cohesion properties at maintained extension after 28 days salt water immersion | No Failure (NF) | EN ISO 10590 | EN 15651-4:2012 |
| Tensile properties (i.e. secant modules) at (-30°C) for cold climate areas | ≤ 0,9 Mpa | EN ISO 8339 | EN 15651-4:2012 |
| Tensile properties at maintained extension at (-30°C) for cold climate areas | No Failure (NF) | EN ISO 8340 | EN 15651-4:2012 |
| Durability | No Performance Determined | EN ISO 8340<br>EN ISO 10590 | EN 15651-4:2012 |

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

Rosendahl, 2017-01-24



Thomas Nürenberg, Supply Chain Director

Ralf Heinzmann, Global Technical Manager TM Sealing & Bonding

According Article 6(5) of the regulation (EU) No. 305/2011 an MSDS, conform to (EU) No. 1907/2006 (REACH) annex II, is attached to this Declaration of Conformity.

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EN 15651-1:2012

Sealant for facade for interior and exterior application (intended for use in cold climates)

F-EXT-INT-CC

Conditioning method: Method A
Substrate: Aluminium, Glass

| | |
|---|---|
| Reaction to fire Class | Class E |
| Release of chemicals dangerous to the environment and health | No Performance Determined |
| *Water tightness and air tighness* | |
| Resistance to flow | ≤ 3 mm |
| Loss of volume | ≤ 10 % |
| Tensile properties (i.e. elongation) after immersion in water at 23°C (Plastic) | No Performance Determined |
| Tensile Properties at maintained extension after water immersion (elastic) | No Failure (NF) |
| Tensile properties, i.e. secant modulus for non-structural low modulus sealants used in joints in cold climate (-30°C) | ≤ 0,9 Mpa |
| Tensile properties at maintained extension for non-structural sealants used in joints in cold climate (-30°C) | No Failure (NF) |
| Durability | pass |

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EN 15651-2:2012

Sealant used for sealing glazing applications (intended for use in cold climate)

G-CC

Conditioning method: Method A
Substrate: Aluminium, Glass

| | |
|---|---|
| Reaction to fire Class | Class E |
| Release of chemicals dangerous to the environment and health | No Performance Determined |
| *Water tightness and air tighness* | |
| Loss of volume | ≤ 10 % |
| Resistance to flow | ≤ 3 mm |
| Adhesion/cohesion properties after exposure to heat water and artificial light | No Failure (NF) |
| Elastic recovery | ≥ 60 % at 60% elongation |
| Tensile properties, i.e. secant modulus for non-structural low modulus sealants used in joints in cold climate (-30°C) | ≤ 0,9 Mpa |
| Tensile properties at maintained extension for non-structural sealants used in joints in cold climate (-30°C) | No Failure (NF) |
| Durability | pass |

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EN 15651-3:2012

Sealant for joints in sanitary areas

S

Conditioning method: Method A
Substrate: Aluminium, Glass

| | |
|---|---|
| Reaction to fire Class | Class E |
| Release of chemicals dangerous to the environment and health | No Performance Determined |
| *Water tightness and air tighness* | |
| Resistance to flow | ≤ 3 mm |
| Loss of volume | ≤ 20 % |
| Adhesion/cohesion properties at maintained extension after immersion in water (Class S) | No Failure (NF) |
| Adhesion/cohesion properties at maintained extension after water immersion (Class XS) | No Performance Determined |
| Microbiological growth | 1 |
| Durability | pass |

CE

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315110303

EN 15651-4:2012

Sealant for movement joints in floors for interior and exterior applications (intended for use in cold climate)

PW-EXT-INT-CC

Conditioning method: Method A
Substrate: Mortar M1, Casco Primer 21

| | |
|---|---|
| Reaction to fire Class | Class E |
| Release of chemicals dangerous to the environment and health | No Performance Determined |
| *Water tightness and air tighness* | |
| Tensile properties at maintained extension | No Failure (NF) |
| Loss of volume | ≤ 10 % |
| Tear resistance | No Failure (NF) |
| Adhesion/cohesion properties at maintained extension after 28 days water immersion | NF , change of secant moduls: < 50 % |
| Adhesion/cohesion properties at maintained extension after 28 days salt water immersion | No Failure (NF) |
| Tensile properties (i.e. secant modules) at (-30°C) for cold climate areas | ≤ 0,9 Mpa |
| Tensile properties at maintained extension at (-30°C) for cold climate areas | No Failure (NF) |
| Durability | No Performance Determined |