

# Declaration of Performance

(according to Annex III of the Regulation (EU) No 305/2011)

**DoP Nr: KR-533100**

Version 01.12.2022



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

PENOSIL 2.0 Window & Door Silicone 312

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**2. Intended use/uses:**

Sealant for facade for interior and exterior applications, suitable for use in cold climates (F-EXT-INT-CC)  
Sealant for joints in glazing applications, suitable for use in cold climates (G-CC)  
Sealants for joints for non-structural use in sanitary areas (S)

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**3. Manufacturer:**

Wolf Group OÜ  
Suur-Paala 10  
13619 Tallinn  
ESTONIA

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**4. Authorized representative:**

Not relevant

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**5. System or systems of assessment and verification of constancy of performance (AVCP):**

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

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**6. Harmonised standard:**

EN 15651-1:2012  
EN 15651-2:2012  
EN 15651-3:2012

**Notified body/ies:**

1292 - FUNDACION TECNALIA RESEARCH & INNOVATION  
0074 - GINGER CEBTP

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**7.1 Declared performance:**

EN 15651-1:2012; Type F-EXT-INT-CC Class 25LM

| Essential characteristics:  | Performance:                      | Harmonised technical specification |
|---|-----------------------------------|------------------------------------|
| <b>Reaction to fire</b>   | Class E                           | EN 15651-1:2012                    |
| <b>Release of chemicals dangerous to the environment and health</b>                         | NPD/see product safety data sheet |                                    |
| <b>Water tightness and air tightness, as:</b>   |                                   |                                    |
| • Resistance to flow (EN ISO 7390)  | ≤3 mm                             |                                    |
| • Loss of volume (EN ISO 10563)   | ≤10 %                             |                                    |
| • Tensile properties, secant modulus at -30°C (EN ISO 8339)                                 | ≤0,9 Mpa                          |                                    |
| • Tensile properties at maintained extension at -30°C (EN ISO 8340)                         | NF                                |                                    |
| • Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)            | NF                                |                                    |
| • Elastic recovery (EN ISO 7389)  | ≥60%                              |                                    |
| <b>Durability:</b>  | Pass                              |                                    |
| Conditioning method A / Tested on glass, anodized aluminium and concrete M2, without primer |                                   |                                    |

NPD = No performance determined.

NF= No Failure.

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## 7.2 Declared performance:

EN 15651-2:2012; Type G-CC Class 25LM

| Essential characteristics:   | Performance:                      | Harmonised technical specification |
|--|-----------------------------------|------------------------------------|
| <b>Reaction to fire</b>  | Class E                           | EN 15651-2:2012                    |
| <b>Release of chemicals dangerous to the environment and health</b>                              | NPD/see product safety data sheet |                                    |
| <b>Water tightness and air tightness, as:</b>  |                                   |                                    |
| • Resistance to flow (EN ISO 7390)   | ≤3 mm                             |                                    |
| • Loss of volume (EN ISO 10563)  | ≤10 %                             |                                    |
| • Tensile properties, secant modulus at -30°C (EN ISO 8339)                                      | ≤0,9 Mpa                          |                                    |
| • Tensile properties at maintained extension at -30°C (EN ISO 8340)                              | NF                                |                                    |
| • Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)                 | NF                                |                                    |
| • Elastic recovery (EN ISO 7389)   | ≥60%                              |                                    |
| • Adhesion/cohesion properties after exposure to heat, water and artificial light (EN ISO 11431) | NF                                |                                    |
| <b>Durability:</b>   | Pass                              |                                    |
| Conditioning method A / Tested on glass, anodized aluminium and concrete M2, without primer      |                                   |                                    |

NPD = No performance determined.

NF= No Failure.

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### 7.3 Declared performance:

EN 15651-3:2012; Type S Class XS1

| Essential characteristics:  | Performance:                      | Harmonised technical specification |
|---|-----------------------------------|------------------------------------|
| <b>Reaction to fire</b>   | Class E                           | EN 15651-3:2012                    |
| <b>Release of chemicals dangerous to the environment and health</b>                         | NPD/see product safety data sheet |                                    |
| <b>Water tightness and air tightness, as:</b>   |                                   |                                    |
| • Resistance to flow (EN ISO 7390)  | ≤3 mm                             |                                    |
| • Loss of volume (EN ISO 10563)   | ≤10 %                             |                                    |
| • Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)            | NF                                |                                    |
| • Microorganisms, intensity of growth (EN ISO 846)  | 0                                 |                                    |
| <b>Durability:</b>  | Pass                              |                                    |
| Conditioning method A / Tested on glass, anodized aluminium and concrete M2, without primer |                                   |                                    |

NPD = No performance determined.

NF= No Failure.

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:

Kuldar Kongo  
Product Manager  
13619 Tallinn, Estonia



1292 / 0074

Wolf Group OÜ  
Suur-Paala 10  
13619 Tallinn  
ESTONIA  
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**EN 15651-1:2012**

Sealant for facade for interior and exterior applications, suitable for use in cold climates

Type: F-EXT-INT-CC

**EN 15651-2:2012**

Sealant for joints in glazing applications, suitable for use in cold climates

Type: G-CC

**EN 15651-3:2012**

Sealants for joints for non-structural use in sanitary areas

Type: S

Conditioning: method A

Substrate: glass, anodized aluminium and concrete M2, without primer

|  |                                   |
|--|-----------------------------------|
| <b>Reaction to fire</b>  | Class E                           |
| <b>Release of chemicals dangerous to the environment and health</b>                              | NPD/see product safety data sheet |
| <b>Water tightness and air tightness, as:</b>  |                                   |
| • Resistance to flow (EN ISO 7390)   | ≤3 mm                             |
| • Loss of volume (EN ISO 10563)  | ≤10 %                             |
| • Tensile properties, secant modulus at -30°C (EN ISO 8339)                                      | ≤0,9 Mpa                          |
| • Tensile properties at maintained extension at -30°C (EN ISO 8340)                              | NF                                |
| • Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)                 | NF                                |
| • Elastic recovery (EN ISO 7389)   | ≥60%                              |
| • Adhesion/cohesion properties after exposure to heat, water and artificial light (EN ISO 11431) | NF                                |
| • Microorganisms, intensity of growth (EN ISO 846)   | 0                                 |
| <b>Durability:</b>   | Pass                              |