

# Declaration of Performance

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

**DoP Nr: KR-009100**

Version 24.01.2024



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

Penosil Aquarium Silicone 310

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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

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**7.1 Declared performance:**

EN 15651-1:2012; Type F-EXT-INT-CC, class 20LM

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 +23°C (EN ISO 8339)	≤0,4 MPa	
• Tensile properties, secant modulus at -30°C (EN ISO 8339)	≤0,9 Mpa	
• Tensile properties at maintained extension (EN ISO 8340)	NF	
• Tensile properties at maintained extension at -30°C (EN ISO 8340)	NF	
• Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)	NF	
• Adhesion/cohesion at variable temperatures (EN ISO 9047)	NF	
• Elastic recovery (EN ISO 7389)	≥60%	
<b>Durability:</b>	Pass	
Conditioning method B / Tested on glass, without primer		

NPD = No performance determined.

NF= No Failure.

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**7.2 Declared performance:**

EN 15651-2:2012; Type G-CC, Klasse 20LM

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 +23°C (EN ISO 8339)	≤0,4 MPa	
• Tensile properties, secant modulus at -30°C (EN ISO 8339)	≤0,9 Mpa	
• Tensile properties at maintained extension (EN ISO 8340)	NF	
• Tensile properties at maintained extension at -30°C (EN ISO 8340)	NF	
• Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)	NF	
• Adhesion/cohesion at variable temperatures (EN ISO 9047)	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 B / Tested on glass, without primer		

NPD = No performance determined.  
 NF= No Failure.

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**7.3 Declared performance:**

EN 15651-3:2012; Type S, klass XS2

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 %	
• Tensile properties at maintained extension (EN ISO 8340)	NF	
• Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)	NF	
• Adhesion/cohesion at variable temperatures (EN ISO 9047)	NF	
• Microorganisms, intensity of growth (EN ISO 846)	2	
<b>Durability:</b>	Pass	
Conditioning method B / Tested on glass, 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:

Tõnis Erissaar  
 Product Manager  
 13619 Tallinn, Estonia  
 24.01.2024



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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 B

Substrate: glass, 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 +23°C (EN ISO 8339)	≤0,4 MPa
• Tensile properties, secant modulus at -30°C (EN ISO 8339)	≤0,9 Mpa
• Tensile properties at maintained extension (EN ISO 8340)	NF
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• Adhesion/cohesion at maintained extension after water immersion (EN ISO 10590)	NF
• Adhesion/cohesion at variable temperatures (EN ISO 9047)	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)	2
<b>Durability:</b>	Pass