Declaration of Performance

In accordance with Annex III of Regulation (EU) No 305/2011 amended by Commission Delegated Regulation (EU) No 574/2014



PENOSIL Cleanroom Silicone 342

DoP Nr.: PE-2023415

Unique identification code of the product-type:

PENOSIL Cleanroom Silicone 342

Intended use/uses:

Non-structural elastic sealant intended for sealing facade elements in building construction, including the interior face (intended for use in cold climates: -30°C):

EN 15651-1; type F-EXT-INT-CC, class 25LM

Non-structural elastic sealant used for sealing glazing in building construction (intended for use in cold climates: -30°C):

EN 15651-2; type G-CC, class 25LM

Sealant used for sealing of joints in sanitary areas in the interior of buildings exposed to non-pressurized water:

EN 15651-3; type S, class XS1

Manufacturer:

WOLF GROUP IBÉRICO S.A.U. Av. Bertrán Güell, 78. E-08850 GAVÁ (Barcelona).SPAIN

Authorised representative:

WOLF GROUP UK TRADING LTD.

203 The Bridgewater Complex, Canal St, Liverpool L20 8AH. UK

System or systems of assessment and verification of constancy of performances (AVCP):

System 3 for the type testing.

System 3 for the reaction to fire.

Harmonised standard:

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

Notified body/ies:

0074 - GINGER CEBTP

1292 - FUNDACION TECNALIA RESEARCH & INNOVATION

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PENOSIL Cleanroom Silicone 342

DoP Nr.: PE-2023415

Declared performances:

Essential characteristics	<u>Declared</u> <u>Performance</u>	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	-
Release of chemicals dangerous to the environment and health:	See product safety data sheet	
Water tightness and air tightness as determined by:		
Resistance to flow (EN ISO 7390)	≤ 3 mm	EN 15651-1 :2012
Loss of volume (EN ISO 10563)	≤ 10 %	
Tensile properties (i.e., secant modulus) at -30°C (modif . EN ISO 8339)	≤ 0.9 MPa	
Tensile properties at maintained extension at -30°C (modif. EN ISO 8340)	NF	
Tensile properties at maintained extension after water immersion (EN ISO 10590)	NF	
Durability:	Pass	

Conditioning: Method A (according to ISO 8340) / NF = No failure according to EN ISO 11600 Substrates: Glass, anodized aluminium and mortar-M2, without primer.

Essential characteristics	<u>Declared</u> <u>Performance</u>	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	_
Release of chemicals dangerous to the environment and health:	See product safety data sheet	
Water tightness and air tightness as determined by:		
Resistance to flow (EN ISO 7390)	≤ 3 mm	
Loss of volume (EN ISO 10563)	≤ 10 %	
Tensile properties (i.e., secant modulus) at -30°C (modif . EN ISO 8339)	≤ 0.9 MPa	EN 15651-2 :2012
Tensile properties at maintained extension at -30°C (modif. EN ISO 8340)	NF	
Elastic recovery (EN ISO 7389)	≥ 60 % at 60% elongation	
 Adhesion/cohesion properties after exposure to heat, water, and artificial light (EN ISO 11431) 	NF at 60% elongation	
Durability:	Pass	

Conditioning: Method A (according to ISO 8340) / NF = No failure according to EN ISO 11600 Substrates: Glas, anodized aluminium and mortar-M2, without primer.

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PENOSIL Cleanroom Silicone 342

DoP Nr.: PE-2023415

Essential characteristics	<u>Declared</u> <u>Performance</u>	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	-
Release of chemicals dangerous to the environment and health:	See product safety data sheet	
Water tightness and air tightness as determined by:		
Resistance to flow (EN ISO 7390)	≤ 3 mm	EN 15651-3 :2012
Loss of volume (EN ISO 10563)	≤ 10 %	
Tensile properties (i.e., secant modulus) at -30°C (modif . EN ISO 8339)	≤ 0.9 MPa	
Tensile properties at maintained extension after water immersion (EN ISO 10590)	NF	
Microbiological growth (EN ISO 846, proc.B)	0	
Durability:	Pass	

Conditioning: Method A (according to ISO 8340) / NF = No failure according to EN ISO 11600 Substrates: Glass, anodized aluminium and mortar-M2, without primer.

Declaration:

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:

Gavà, Barcelona (España) 24 / 05 / 2023 José M. Martínez R&D Manager WOLF GROUP IBÉRICO S.A.U.

Disclaimer: The information contained in this DoP is provided in good faith and deemed accurate at the date of publication of this document. Despite the intended uses specified in this document and due to the different conditions of use, the user is obliged to ensure the product is suitable for its particular application and is legally compliant for it. This information should not be construed as legal advice. Wolf Group Ibérico S.A.U. makes no warranty express or implied regarding the fitness of the Product for any particular purpose. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

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CE MARKING

PENOSIL Cleanroom Silicone 342



1292 / 0074

WOLF GROUP IBÉRICO S.A.U., Av. Bertrán Güell, 78, 08850 Gavà (Barcelona), Spain.

23

PE-2023415

EN 15651-1: F-EXT-INT-CC EN 15651-2: G-CC EN 15651-3: S

PENOSIL Cleanroom Silicone 342

Sealant for facade elements (exterior and interior), and for glazing, also for use in cold climates. Sealant for sanitary joints.

Conditioning: Method A

Substrates: Glass, anodized aluminium and mortar-M2, without primer.

REACTION TO FIRE:		Class E
	_	

See product safety data RELEASE OF CHEMICALS **DANGEROUS** TO THE **ENVIRONMENT AND HEALTH:** sheet

WATER TIGHTNESS AND AIR TIGHTNESS AS DETERMINED BY:

· Resistance to flow: ≤ 3 mm

· Loss of volume: ≤ 10%

• Tensile properties, secant modulus, at -30°C: ≤ 0.9 MPa

• Tensile properties, at maintained extension, at -30°C: NF

• Tensile properties at maintained extension after water NF

immersion:

 Elastic recovery: at 60% elongation

• Adhesion/cohesion properties after exposure to heat, water, NF and artificial light: elongation 60%

· Microbiological growth:

DURABILITY: Pass

NF = No failure

≥ 60 %

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