PENOSIL

We save energy / Wolf Group

Declaration of Performance

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

CE

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: -30ºC):
  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: -30ºC):
  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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- **Declared performances:**

Essential characteristics	Declared Performance	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	EN 15651-1 :2012
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	
• 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	Declared Performance	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	EN 15651-2 :2012
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	
• 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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Essential characteristics	Declared Performance	Harmonised technical specification
Reaction to fire: (EN 13501-1:2007 + A1:2010)	Class E	EN 15651-3 :2012
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	
• 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.

CE MARKING

PENOSIL Cleanroom Silicone 342

CE

1292 / 0074

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

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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
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:	≤ 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 immersion:	NF
• Elastic recovery:	≥ 60 % at 60% elongation
• Adhesion/cohesion properties after exposure to heat, water, and artificial light:	NF elongation 60%
• Microbiological growth:	0
DURABILITY:	Pass

NF = No failure