

VEDAFLEX SIL

Silicon sealant

VEDAFLEX SIL is a single component silicone sealant with reduced modulus of elasticity and neutral binding. It cures when in contact with atmospheric humidity and produces an extremely flexible and resistant rubber. It is non-corrosive and does not contain strong smell additives.

APPLICATIONS

VEDAFLEX SIL perfectly adheres on surfaces commonly used in the building industry : concrete, glass, aluminium, etc.

Chiefly recommended for:

- Watertightness of joint seals between concrete and structural carpentry
- Windows sealing
- Sealing of prefabricated concrete pieces
- Waterproofing of curtain walls
- All applications where inodorous mastic is needed



TECHNICAL CHARACTERISTICS

Main physical characteristics before curing		
Aspect	Thixotropic paste	
Density	1,25	
Skinning time	4 - 7min.	
Application temperature	+ 5°C to + 40°C	
Main physical characteristics after curing		
Service temperature	- 40 °C to + 150°C	
Mechanical characteristics		
Shore A hardness	DIN 53505	25
Modulus 100%	ISO 8339	0,40MPa
Tensile strength	ISO 8339	1,40MPa
Elongation at break	ISO 8339	550%

CONDITIONNEMENT ET STOCKAGE

VEDAFLEX SIL is supplied in boxes of 24 x 300ml cartridges. It has a shelf-life of 12 months stored in a dry place between 5°C and 25°C.

COLOURS

White, grey, brown, black, bronze, ivory.

INSTALLATION

Substrates must be clean, free of dust, grease or any other material that prevent adhesion of silicon. Use appropriate cleaning products according to the substrate.

Some substrates may require a primer. If not sure, always proceed to a preliminary test.

Do not paint Vedaflex SIL.

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Certified management system



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DECLARATION OF PERFORMANCE

According Annex III of the regulation (EU) N° 305/2011

Vedaflexsil-20140408

1. Unique identification code of the product-type:

Vedaflexsil

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

Vedaflexsil, batch number: see packaging of the product

3. Intended use/es:

Sealant for façade for interior and exterior application (intended for use in cold climates) EN 15651-1:2012 F-EXT-INT-CC 25LM

Sealant used for sealing glazing applications (intended for use in cold climates) EN 15651-2 G-CC 25LM

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

GV2 VEDA FRANCE
20 Allée de érables, Bat E
FR-93420 Villepinte

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

Not relevant

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 SKZ - TeConA GmbH, D-97076 Würzburg, Friedrich-Bergius-Ring 22, identification number 1213, performed the type testing under system 3 according to EN 15651 part 1 and 2 and issued a test report.

The notified body SKZ - TeConA GmbH, D-97076 Würzburg, Friedrich-Bergius-Ring 22, identification number 1213, performed the testing of the reaction to fire under system 3 according to EN 15651 and issued a test report.

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

Not relevant

9. Declared performance/s

EN 15651-1 F-EXT-INT-CC 25LM

Conditioning: Method A

Substrate: Aluminium w/o Primer

Essential Characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-1: 2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-1: 2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	$\leq 3\text{mm}$	EN 15651-1: 2012
Loss of volume (EN ISO 10563)	$\leq 10\%$	EN 15651-1: 2012
Tensile properties (i.e. at maintained extension after immersion in water at 23°C) (EN ISO 10590)	NF	EN 15651-1: 2012
Tensile properties (i.e. secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8339)	$\leq 0,9 \text{ N/mm}^2$	EN 15651-1: 2012
Tensile properties (i.e. at maintained extension) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8340)	NF	EN 15651-1: 2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-1: 2012

EN 15651-2 G-CC 25LM

Conditioning: Method A

Substrate: Aluminium w/o Primer

Essential Characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-2: 2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-2: 2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	≤ 3mm	EN 15651-2: 2012
Loss of volume (EN ISO 10563)	≤ 10%	EN 15651-2: 2012
Adhesion/cohesion properties after exposure to heat, water and artificial light (EN ISO 11431)	NF	EN 15651-2: 2012
Elastic recovery (EN ISO 7389)	≥ 60 %	EN 15651-2: 2012
Tensile properties (i.e. secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8339)	≤ 0,9 N/mm ²	EN 15651-2: 2012
Tensile properties (i.e. at maintained extension) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8340)	NF	EN 15651-2: 2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-2: 2012

NF = no failure according to ISO 11600

NPD = No performance declared

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:

Villepinte, 22.05.2025

L. Randé, Technical Director

Annex:

According to Art. 6 (5) of the Regulation (EU) No. 305/2011 a Safety Data sheet according Regulation (EU) No. 1907/2006 (REACH), Annex II is available on the website to support this Declaration of Performance

DECLARATION OF PERFORMANCE

According Annex III of the regulation (EU) N° 305/2011 as it has effect in the United Kingdom in respect of Great Britain.

Vedaflexsil-20140408

1. Unique identification code of the product-type:

Vedaflexsil

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

Vedaflexsil, batch number: see packaging of the product

3. Intended use/es:

Sealant for façade for interior and exterior application (intended for use in cold climates) EN 15651-1:2012 F-EXT-INT-CC 25LM

Sealant used for sealing glazing applications (intended for use in cold climates) EN 15651-2 G-CC 25LM

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

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20 Allée de érables, Bat E
FR-93420 Villepinte

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

Not relevant

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 4ward Testing Ltd, 5 Hampers Common Industrial Estate, Petworth, West Sussex GU28 9 NR, England, identification number 2538, performed the type testing under system 3 according to EN 15651 part 1, 2 and 3 and issued a test report.

The notified body 4ward Testing Ltd, 5 Hampers Common Industrial Estate, Petworth, West Sussex GU28 9 NR, England identification number 2538, performed the testing of the reaction to fire under system 3 according to EN 15651 and issued a test report.

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

Not relevant

9. Declared performance/s

EN 15651-1 F-EXT-INT-CC 25LM

Conditioning: Method A

Substrate: Aluminium w/o Primer

Essential Characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-1: 2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-1: 2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	≤ 3mm	EN 15651-1: 2012
Loss of volume (EN ISO 10563)	≤ 10%	EN 15651-1: 2012
Tensile properties (i.e. at maintained extension after immersion in water at 23°C) (EN ISO 10590)	NF	EN 15651-1: 2012
Tensile properties (i.e. secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8339)	NPD	EN 15651-1: 2012
Tensile properties (i.e. at maintained extension) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8340)	NPD	EN 15651-1: 2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-1: 2012

EN 15651-2 G-CC 25LM

Conditioning: Method A

Substrate: Aluminium w/o Primer

Essential Characteristics	Performance	Harmonised technical specification
REACTION TO FIRE (EN 13501)	Class E	EN 15651-2: 2012
RELEASE OF CHEMICALS DANGEROUS TO THE ENVIRONMENT AND HEALTH	NPD	EN 15651-2: 2012
WATER TIGHTNESS AND AIR TIGHTNESS		
Resistance to flow (EN ISO 7390)	≤ 3mm	EN 15651-2: 2012
Loss of volume (EN ISO 10563)	≤ 10%	EN 15651-2: 2012
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Elastic recovery (EN ISO 7389)	≥ 60 %	EN 15651-2: 2012
Tensile properties (i.e. secant modulus) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8339)	NPD	EN 15651-2: 2012
Tensile properties (i.e. at maintained extension) for non-structural low modulus sealants used in joints in cold climate areas (-30°C) (EN ISO 8340)	NPD	EN 15651-2: 2012
DURABILITY (EN ISO 8340, EN ISO 9047, EN ISO 10590)	Pass	EN 15651-2: 2012

NF = no failure according to ISO 11600

NPD = No performance declared

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.

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