

RAL Coloured Silicone

Version 1.0 – September 2024

Page 1 of 4

Nº: **WG- 120424002**



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

RAINBOW RAL COLOURED SILICONE

- **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:**

AB BUILDING PRODUCTS LTD
UNIT 18 SMEATON RD, WEST PORWAY
ANDOVER, HAMPSHIRE SP10 3LF 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

• **Declared performance/s:**

<u>Essential characteristics</u>	<u>Declared Performance</u>	<u>Harmonised technical specification</u>
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 (i.e., 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.

<u>Essential characteristics</u>	<u>Declared Performance</u>	<u>Harmonised technical specification</u>
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 (i.e., 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: Glass, anodized aluminium and mortar-M2, without primer.

RAL Coloured Silicone

Version 1.0 – September 2024

Page 3 of 4

Nº: **WG- 120424002**



<u>Essential characteristics</u>	<u>Declared Performance</u>	<u>Harmonised technical specification</u>
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 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:



Christopher Richmond
Finance Director
AB Building Products Ltd

United Kingdom
27 / 09 / 2024

CE MARKING



Version 1.0 – September 2024
Page 4 of 4

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0074 / 1292

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Andover, Hampshire SP10 3LF UK

24

WG-120424002

EN 15651-1 : F-EXT-INT-CC

EN 15651-2 : G-CC

EN 15651-3 : S

RAINBOW RAL COLOURED SILICONE

Sealant for facade elements (exterior and interior), and for glazing, also for use in cold climates.
Sealant used for sealing of joints in sanitary areas in the interior of buildings.

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 %
- Adhesion/cohesion properties after exposure to heat, water and artificial light: NF
- Microbiological growth: 0

DURABILITY:

Pass

NF = No failure