

Declaration of Performance**LE/DoP-No. MB2030/029-1000**

1. Product name
WINDOW
2. Type of product
1 component MS hybrid polymer
3. Application
Sealant for the application in facades and glazing
Type F EXT-INT CC 25HM
G CC 25HM
Conditioning: Method B
Substrate: anodised aluminium, glass and grout M1
Pre-treatment with Adhesion Promoter V40
(aluminium) and V17 (grout M1)
4. Manufacturer
merz+benteli ag
Freiburgstrasse 616
CH-3172 Niederwangen
5. Representative
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6. System of assessment of constancy of performance
3 plus 3
7. Harmonised Standard
EN 15651-1: 2012-12, EN 15651-2: 2012-12
8. Notified body
ift Rosenheim GmbH, NB 0757, as notified
laboratory in system 3, performed the initial test and
issued the test report.
9. Essential characteristics

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	Class E	EN 15651-1: 2012-12, EN 15651-2: 2012-12
Release of chemicals dangerous to the environment and health	evaluated	
Water tightness and air tightness		
a) Resistance to flow	≤ 3 mm	
b) Loss of volume	≤ 10 %	
c) Elastic recovery	≥ 70 %	
d) Tensile properties at maintained extension after water immersion	NF	
e) Tensile properties at maintained extension	NF	
f) Tensile properties at maintained extension at -30°C	NF	
g) Tensile properties (secant modulus / elongation at break)	> 0.4 MPa	
h) Tensile properties (secant modulus / elongation at break) at -30°C	≤ 0.9 MPa	
i) Adhesion/cohesion properties after exposure to heat, water and artificial light	NF	
j) Durability	pass	

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:



Fritz Burkhardt
Head of Research & Development



Simon Bienz
Chief Marketing & Sales Officer

Niederwangen, 25 November 2022



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merz+benteli ag
Freiburgstrasse 616
CH-3172 Niederwangen
Schweiz

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MB2030/029-1000

EN 15651-1

EN 15651-2

1 component MS hybrid polymer
for the application in facades and glazing

- Type F EXT-INT CC / G CC
- Conditioning: Method B
- Substrate: anodised aluminium, glass and grout M1
- Pre-treatment: Adhesion Promoter V40 (aluminium) and V17 (grout M1)

Reaction to fire	Class E
Release of chemicals dangerous to the environment and health	evaluated
Water tightness and air tightness	
a) Resistance to flow	≤ 3 mm
b) Loss of volume	≤ 10 %
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j) Durability	pass



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EN 15651-1, -2
F EXT-INT CC / G CC