

Declaration of Performance**LE/DoP-No. MB2028/008-1000**

1. Product name
TRANSLUCENT
2. Type of product
1 component MS hybrid polymer
3. Application
Sealant for the application in facades, glazing,
sanitary and wet area joint and pedestrian walkways
Type F EXT-INT 20HM
G CC 20HM
S XS1
PW EXT-INT CC 20HM
4. Manufacturer
Conditioning: Method B
Substrate: anodised aluminium and grout M1
Pre-treatment with Adhesion Promoter V40
(aluminium) and V17 (grout M1)
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,
EN 15651-3: 2012-12, EN 15651-4: 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, EN 15651-3: 2012-12, EN 15651-4: 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	≥ 60 %	
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) at -30°C	NPD	
i) Adhesion/cohesion properties after exposure to heat, water and artificial light	NF	
j) Adhesion/cohesion properties at maintained extension after 28 days water immersion	NF	
k) Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	NF	
l) Microbiological growth	1	
m) Tear resistance	NF	
n) 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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MB2028/008-1119

EN 15651-1
EN 15651-2
EN 15651-3
EN 15651-4

1 component MS hybrid polymer
for the application in facades, glazing, sanitary and wet area joint
and pedestrian walkways

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- Substrate: anodised aluminium and grout M1
- Pre-treatment: Adhesion Promoter V40 (aluminium) and V17 (grout M1)

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f) Tensile properties at maintained extension at -30°C	NF
g) Tensile properties (secant modulus / elongation at break)	$> 0.4 \text{ MPa}$
h) Tensile properties (i.e. secant modulus) at -30°C	NPD
i) Adhesion/cohesion properties after exposure to heat, water and artificial light	NF
j) Adhesion/cohesion properties at maintained extension after 28 days water immersion	NF
k) Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	NF
l) Microbiological growth	1
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EN 15651-1, -2, -3, -4
F EXT-INT / G CCG CC / S /
PW EXT-INT CC