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Freiburgstrasse 616 CH-3172 Niederwangen Tel. +41 31 980 48 48 Fax +41 31 980 48 49 www.merz-benteli.ch

Declaration of Performance

- 1. Product name
- 2. Type of product
- 3. Application

LE/DoP-No. Gomastit 2040-1000

Gomastit 2040 1 component MS hybrid polymer Sealant for the application in facades and for pedestrian walkways Type F EXT-INT CC 20HM PW EXT-INT CC 20HM 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

EN 15651-1: 2012-12, EN 15651-4: 2012-12

laboratory in system 3, performed the initial test and

ift Rosenheim GmbH, NB 0757, as notified

4. Manufacturer

- 5. Representative
- 6. System of assessment of constancy of performance
- 7. Harmonised Standard
- 8. Notified body

9. Essential characteristics

Harmonised **Essential characteristics** Performance technical specification Reaction to fire Class E Release of chemicals dangerous to the environment evaluated and health Water tightness and air tightness a) Resistance to flow ≤ 3 mm ≤ 10 % b) Loss of volume c) Tensile properties at maintained extension after NF water immersion Tensile properties at maintained extension d) NF EN 15651-1: 2012-12, Tensile properties at maintained extension at -30°C NF e) EN 15651-4: 2012-12 f) Tensile properties (secant modulus / elongation at > 0.4 MPa break) k.K. Tensile properties (secant modulus) at -30°C q) h) Adhesion/cohesion properties at maintained NF extension after 28 days water immersion Adhesion/cohesion properties at maintained i) NF extension after 28 days salt water immersion NF Tear resistance k) Durability pass

3 plus 3

issued the test report.

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:

Simon Bienz Chief Marketing + Sales Officer

Niederwangen, 04 November 2020

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	3172 Niederwangen
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Gomastit 2040-1000	
EN 15651-1	
EN 15651-4	
1 compo	nent MS hybrid polymer
for the application in f	acades and for pedestrian walkways
- Type F EXT-INT CC / F	W EXT-INT CC
- Conditioning: Method B	6
- Substrate: anodised alu	
	n Promoter V40 (aluminium) and V17
(grout M1)	
Reaction to tire	Class E
Reaction to fire Release of chemicals	Class E
	Class E evaluated
Release of chemicals dangerous to the environment and health	evaluated
Release of chemicals dangerous to the environment and health Water tightness and air tightness	evaluated
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow	evaluated ≤ 3 mm
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume	evaluated
Release of chemicals dangerous to the environment and healthWater tightness and air tightness a)Resistance to flow b)Loss of volume c)Tensile properties at	evaluated ≤ 3 mm ≤ 10 %
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after	evaluated ≤ 3 mm
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion	evaluated ≤ 3 mm ≤ 10 % NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension	evaluated ≤ 3 mm ≤ 10 %
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at	evaluated ≤ 3 mm ≤ 10 % NF NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension	evaluated ≤ 3 mm ≤ 10 % NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension a) Tensile properties at maintained extension at - 30°C	evaluated ≤ 3 mm ≤ 10 % NF NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension f) Tensile properties (secant	evaluated ≤ 3 mm ≤ 10 % NF NF NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension f) Tensile properties (secant modulus / elongation at break)	evaluated ≤ 3 mm ≤ 10 % NF NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e.	evaluated ≤ 3 mm ≤ 10 % NF NF NF
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension f) Tensile properties (secant modulus / elongation at break)	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa k.K.
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa k.K.
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion i) Adhesion/cohesion	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa k.K.
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion i) Adhesion/cohesion properties at maintained	evaluated ≤ 3 mm ≤ 10 % NF NF NF > 0.4 MPa k.K.
Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion i) Adhesion/cohesion properties at maintained extension after 28 days salt	evaluated ≤ 3 mm ≤ 10 % NF NF > 0.4 MPa K.K. NF
 Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion i) Adhesion/cohesion properties at maintained extension after 28 days salt water immersion 	evaluated ≤ 3 mm ≤ 10 % NF NF > 0.4 MPa k.K. NF NF
 Release of chemicals dangerous to the environment and health Water tightness and air tightness a) Resistance to flow b) Loss of volume c) Tensile properties at maintained extension after water immersion d) Tensile properties at maintained extension e) Tensile properties at maintained extension at - 30°C f) Tensile properties (secant modulus / elongation at break) g) Tensile properties (i.e. secant modulus) at -30°C h) Adhesion/cohesion properties at maintained extension after 28 days water immersion i) Adhesion/cohesion properties at maintained extension after 28 days salt 	evaluated ≤ 3 mm ≤ 10 % NF NF > 0.4 MPa K.K. NF

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