

**Declaration of Performance**

**LE/DoP-No. MB2040/052-1137**

- |   |   |
|---|---|
| 1. Product name                                     | Turbo-Fix   |
| 2. Type of product                                  | 1 component MS hybrid polymer   |
| 3. Application                                      | Sealant for the application in facades<br>Type F INT<br>Conditioning: Method B<br>Substrate: anodised aluminium and grout M1<br>Pre-treatment with Adhesion Promoter V40 (aluminium) and V17 (grout M1) |
| 4. Manufacturer                                     | merz+benteli ag<br>Freiburgstrasse 616<br>CH-3172 Niederwangen  |
| 5. Representative                                   | -   |
| 6. System of assessment of constancy of performance | 3 plus 3  |
| 7. Harmonised Standard                              | EN 15651-1: 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                |
| Release of chemicals dangerous to the environment and health        | evaluated   |                                    |
| Water tightness and air tightness                                   |             |                                    |
| a) Resistance to flow   | ≤ 5 mm      |                                    |
| b) Loss of volume   | ≤ 45 %      |                                    |
| c) Tensile properties at maintained extension after water immersion | NPD         |                                    |
| d) Tensile properties at maintained extension                       | NPD         |                                    |
| e) Tensile properties at maintained extension at -30°C              | NPD         |                                    |
| f) Tensile properties (secant modulus / elongation at break)        | ≥ 25 %      |                                    |
| g) Tensile properties (secant modulus) at -30°C                     | NPD         |                                    |
| h) 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:

Dr. Claude Lerf  
 Technical Director

Niederwangen, 21 March 2014



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merz+benteli ag  
 Freiburgstrasse 616  
 CH-3172 Niederwangen  
 Schweiz

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EN 15651-1

1 component MS hybrid polymer  
 for the application in facades

- Type: F INT
- Conditioning: Method B
- Substrate: anodised aluminium 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   | ≤ 5 mm    |
| b) Loss of volume   | ≤ 45 %    |
| c) Tensile properties at maintained extension after water immersion | NPD       |
| d) Tensile properties (i.e. at maintained extension)                | NPD       |
| e) Tensile properties at maintained extension at -30°C              | NPD       |
| f) Tensile properties (secant modulus / elongation at break)        | ≥ 25 %    |
| g) Tensile properties (secant modulus) at -30°C                     | NPD       |
| h) Durability   | pass      |

