



DURASIL[®] M plus

Silicone based sealant for marble and natural stone

Declaration of Performance No. 001-035-1706

1. Identification code of the product-type: ARA Durasil[®] M plus
2. Identification No.: Lot-No., see batch number on packaging
3. Intended Use: Sealant for facade for exterior and interior application, intended for use in cold climates
 EN 15651-1: **Type F-EXT-INT-CC Class 25LM**
 Sealant for glazing applications, intended for use in cold climates
 EN 15651-2: **Type G-CC Class 25LM**
 Sealant for sanitary joints
 EN 15651-3: **Type S Class XS1**
 Sealant for movement joints in floors for interior and exterior application, intended for use in cold climates
 EN 15651-4: **Type PW-EXT-INT-CC Class 25LM**
4. Manufacturer: ARA-Chemie GmbH, Weiershagener Strasse 18, 51674 Wiehl, Germany
5. Authorised representative: Not relevant
6. System(s) of assessment and verification of constancy of performance: System 3 for type-testing
 System 3 for test of reaction to fire
7. Harmonised standard(s): EN 15651-1:2012 EN 15651-2:2012 EN 15651-3:2012 EN 15651-4:2012
8. Notified body: ift Rosenheim GmbH (NB 0757) performed the determination of the product-type on the basis of type-testing and the determination of the reaction to fire under system 3 and issued the test and classification reports.
9. Declared performance:
- | Standard | EN15651-1 | EN 15651-2 | EN 15651-3 | EN 15651-4 |
|--------------------|-----------|------------|------------|------------|
| Conditioning | Process A | Process A | Process A | Process A |
| Concrete | x | | | |
| Glas | | x | | |
| Anodised aluminium | | | x | x |
| Pretreatment | no | no | no | no |

Essential characteristics	Performance	Harmonised technical specification(s)
Reaction to fire (EN 13501)	Class E	EN 15651-1:2012 EN 15651-2:2012 EN 15651-3:2012 EN 15651-4:2012
Release of chemicals dangerous to the environment and health	evaluated, see MSDS	
Water tightness and air tightness		
- Loss of volume	≤ 5 %	
- Resistance to flow	≤ 3 mm	
- Tensile properties / secant modulus at -30°C	< 0,9 MPa	
- Tensile properties under pretensioning at -30°C	passed	
- Tensile properties at maintained extension at variable temperatures	passed	
- Elastic recovery	≥ 70 %	
- Tearing strength	passed	
- Tensile properties / secant modulus at 23 °C	< 0,4 MPa	
- Tensile properties at maintained extension after immersion in water	passed	
- Tensile properties after exposure to heat, water and artificial light	passed	
Microbiological growth	0	
Durability	passed	

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.

Signed for and on behalf of the manufacturer:

Wiehl, 26.06.2020

Rudolf Hoheneder