



# DURASIL® E 811

Acid curing silicone sealant for sanitary applications, glass- and metal construction

**Declaration of Performance No. 001-003-1406**

1. Identification code of the product-type: ARA Durasil® E 811
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 20LM**
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)
9. Declared performance:
- | Standard               | EN15651-1 | EN 15651-2 | EN 15651-3 | EN 15651-4 |
|------------------------|-----------|------------|------------|------------|
| Conditioning Process B |           | Process B  | Process B  | Process B  |
| Glas                   |           | x          |            |            |
| Anodised aluminium     | x         |            | x          | x          |
| Pretreatment           | no        | no         | no         | no         |

Essential characteristics	Performance	Harmonised technical specification(s)
Reaction to fire (EN 13501)	Class E	
Release of chemicals dangerous to the environment and health	evaluated, see MSDS	
Water tightness and air tightness		
- Loss of volume	≤ 10 %	EN 15651-1:2012
- Resistance to flow	≤ 3 mm	
- Tensile properties / secant modulus at -30°C	< 0,9 MPa	
- Tensile properties under pretensioning at -30°C	passed	EN 15651-2:2012
- Tensile properties at maintained extension	passed	
- Elastic recovery	≥ 70 %	
- Tearing strength	passed	EN 15651-3:2012
- Tensile properties / secant modulus at 23 °C	< 0,4 MPa	
- Tensile properties at maintained extension after immersion in water	passed	
- Tensile properties at maintained extension after exposure to heat, water and artificial light	passed	EN 15651-4:2012
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, 17.12.2020

Rudolf Hoheneder