

Declaration of Performance**No.: AK-CEM-V01-20**

1. Product name, -type: **AKEMI FLEXY-ZEM**, 1-component silicone sealant, neutral cross-linked
2. Ident No.: Batch number see product imprint
3. Intended use: facades, type F20HM Ext.-Int.; sanitary, type XS1; floor joints, type PW20HM Ext.-Int.; conditioning procedure B, support material glass & mortar M1
4. Manufacturer: AKEMI chemisch-technische Spezialfabrik GmbH
Lechstraße 28
90451 Nürnberg
5. Authorized representative: not relevant ./.
6. System of assessment of constancy of performance: 3 plus 3
system 3 for reaction to fire
7. Harmonized standard: EN 15651-1 2012-12, EN 15651-3 2012-12, EN 15651-4 2012
8. Notified body: IFT Rosenheim NB-No. 0757, as the notified testing laboratory, conducted the initial inspection in the conformity system 3 and issued the inspection and classification reports
9. Essential characteristics:

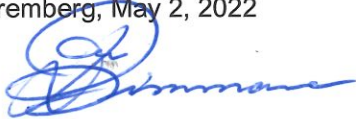
Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	class E	EN 15651-1: 2012-12
Release of chemicals dangerous to the environment and/or health	assessed	
Water- and air tightness:		
Stability	≤ 3 mm	EN 15651-3: 2012-12
Loss of volume	≤ 10 %	
Tensile properties / secant modulus (elongation stress value)	≤ 0.4 MPa (23°C) and ≤ 0.6 MPa (-20°C)	
Adhesion and elongation behaviour after exposure of heat, water and artificial light	-	EN 15651-4: 2012-12
Elastic recovery	≥ 60%	
Tensile properties, i.e. elongation under preload after immersion in water	no failure	
Tensile properties under preload	no failure	
Tear strength	no failure	
Durability	no failure	
Microbiological growth	0	

10. The performance of the product identified in point 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:

Nuremberg, May 2, 2022



ppa. Dipl.-Ing. Dieter Zimmermann
Chem.-Techn.Leiter
Technical Director