



DECLARATION OF PERFORMANCE for

Silica fume for concrete MICROSILICA-SIOXID, Class 1 and Class 2
INTEGRATED MANAGEMENT SYSTEM
(STN EN ISO 9001:2015, STN EN ISO 14001:2015 a STN EN ISO 45001:2018)

Number: TL-004-EN

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1. UNIQUE PRODUCT TYPE IDENTIFICATION CODE

Silica fume for concrete MICROSILICA – SIOXID Class 1 and Class 2

2. INTENDED USE

Silica fume Type II is used as an addition in concrete, mortars, grouts, and other mixes for construction and structural elements in accordance with Annex ZA of EN 13263-1:2005 + A1:2009.

3. MANUFACTURER

OFZ a. s., Široká 381, 027 41 Oravský Podzámok, Slovak Republic

4. SYSTEM OF ASSESSMENT AND VERIFICATION OF PARAMETERS

System 1+

5. HARMONIZED STANDARD

EN 13263-1: 2005 + A1: 2009

6. NOTIFIED BODY

1481 QUALIFORM SLOVAKIA s.r.o. (Certificate of Conformity of Performance No. 1481 – CPR - 0311)

7. DECLARED PARAMETERS

Essential Properties	Parameters	
Silicon dioxide (SiO ₂)	≥ 85% w/w for Class 1	> 80 % w/w for Class 2
Elemental silicon (Si)	≤ 0.4 % w/w	
Free calcium oxide (CaO)	≤ 1.0 % w/w	
Sulfates (as SO ₃)	≤ 2.0 % w/w	
Total alkali content (calculated as Na ₂ O eq.)	≤ 6.0 % w/w	
Chlorides (as Cl ⁻)	≤ 0.3 % w/w	
Loss on ignition (after 1 hour)	≤ 4.0 % w/w	
Specific surface area	15.0 ± 35.0 m ² /g	
Activity index (after 28 days)	≥ 100%	
National requirements (Act No. 87/2018 Coll.) – Radiological indicators:	Activity concentration index ≤ 1	

The indicated product parameters are in conformity with the declared performance parameters. This Declaration of Performance is issued in accordance with Regulation (EU) No. 305/2011 and under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer:: Branislav Klocok, Chairman of the Board

In Oravský Podzámok, on 24 February 2025

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