

DECLARATION OF PERFORMANCE

No. 0672 - CPD – 1123

1. Unique identification code of the product-type:
Silica fume for concrete according to EN 13263
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
Elkem Microsilica® 920E, Elkem Microsilica® 940E
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer.
A type II addition in concrete conforming to EN 206-1, or in mortars, grouts and other mixes
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **Elkem Microsilica®**
Manufacturer: Elkem AS Silicon Materials, Abelsgate 5, 7030 Trondheim, Norway
Plant: Elkem Salten, 8226 Straumen, Norway
5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **Not relevant**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 1+**
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard.
MPA Universität Stuttgart, Pfaffenwaldring 32, 70569 Stuttgart, Germany. Identification number: 0672 has performed the initial type testing for the relevant characteristics of the product, the initial inspection of the manufacturing plant, and factory production control, and performs the regular inspection, assessment and approval of the factory production control, and an audit testing of samples taken at the plant under system 1+ and issued certificate of conformity
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued. **Not relevant**
9. Declared performance

Property	Declared Performance	Single result limit values	Harmonized Standard
Loss on ignition	≤ 4,0 %	6.0%	EN 13263:2005+A1:2009
Silicon Dioxide (SiO ₂)	≥ 85 %	80 %	
Chloride (Cl)	≤ 0.3 %	-	
Sulfate (SO ₃)	≤ 2.0 %	-	
Free CaO	≤ 1.0 %	-	
Specific Surface	15.0 – 35.0 m ² /g	13.5 m ² /g	
Free Silicon	≤ 0.4%	0.5%	
Activity Index (28 days)	≥ 100 %	95%	
Release of dangerous substances and emission of radioactivity	-	-	

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:

Kristiansand Norway 2013-07-09
Elkem AS Silicon Materials



 Arne Skagen, Global Quality Manager