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## DECLARATION OF PERFORMANCE

No : 001DoP-G80/60-2014-01-09

**1. Unique identification code of the product-type:**

Steel fibers

**2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):**

G80/60

**3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:**

Steel fibers for structural in concrete, mortar and grout

**4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):**

SM Korea Co., Ltd

NO.316, GIMHAE-DAERO, 927BEON-GIL,

GIMHAE-SI, GYEONGSANGNAM-DO, KOREA 621-873

TEL : +82-55-329-6981 / FAX : +82-55-329-6982

URL : [www.smkorea-sf.com](http://www.smkorea-sf.com)

**5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):**

SEMTU OY

PL 124, 04201 KERAVA, FINLAND

TEL : +358 207 619381 / FAX : +358 400 421376

**6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 1

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**7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:**

EN 14889-1:2006

TZUS(Proseck 811176a, 190 00 Praha 9 – Prosek, Czech Republic. Number : 1020) performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control.

**8. Declared performance**

Essential characteristics		Performance	Harmonised technical Specification
Length	EN 14889-1 clauses -5.2.2 (determination of length)	60mm (+/- 10%) (+/- 5% avg.) Declared	EN 14889-1:2006
Diameter	EN 14889-1 clauses -5.2.3 (determination of diameter) -5.2.3.1 (round wire fibres)	0.75mm (+/- 10%) (+/- 5% avg.) Declared	
Tensile strength	EN 14889-1 clauses -5.3 (tensile strength of fibres)	1100N/mm <sup>2</sup> (+/- 15%) (+/- 7.5% avg.) Declared	
Effect on strength concrete	EN 14889-1 clauses -5.8 (effect on strength of concrete) EN 14845-2	Pass (achieved a residual flexural strength of 1.5N/mm <sup>2</sup> at 0.5mm CMOD and 1N/mm <sup>2</sup> at 3.5mm CMOD)	

**9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.**

**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:

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(name and function)

SANG-KI, PARK / PRESIDENT

**SM KOREA CO., LTD.**

**PRESIDENT PARK, SANG-KI**

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