GRACE
Construction Products

DECLARATION OF PERFORMANCE

Annex III of the Regulation (EU) No 305/2011

STRUX® 90/40

No: GRALUE-5010-01

1. Unique identification code of the product-type:

   EN 14889-2, Class II

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

   Batch No: see packaging of the product

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

   Polymer Fibre for Structural Uses in Concrete

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

   Grace Bauprodukte GmbH
   Pyrmonter Straße 56
   32676 Lügde
   Plant II
   Germany

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

   Not applicable

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 harmonised standard:

   The notified body ibac, identification number 1077, performed the type testing and issued the test report, the inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 1 and
   issued a certificate of conformity of the factory production control
   1077-CPD-U393

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

   Not applicable

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9. Declared performance

Essential* Characteristics	Performance	Harmonised Technical Specification
Fibre Classification	Class II	**EN 14889-2:2006**
Length (mm)	40 ± 5%	
Equivalent diameter (mm)	0.433 ± 5%	
Polymer Type	Polypropylene/ Polyethylene	
Shape (cross sectional area)	Rectangular	
***Tensile strength** (N/mm²)	620 ± 7.5 %	
***Elastic modulus (N/mm²)**	9500 ± 10%	
***Effect on consistency with 3.5 kg/m³ fibres** (Vébé time in s) (Reference concrete 7s)	10	
***Effect on strength of concrete to obtain 1.5 N/mm² at CMOD = 0.5 mm and 1 N/mm² at CMOD = 3.5 mm at dosage of** (kg/m³)	3.5	
***Dangerous substances**	NPD	

Footnotes: NPD: No Performance determined

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:

Matthias Oly
QC and CE Marking Manager
GCP Europe

Lügde, 21. Juni 2013