

Declaration of Performance (DoP)



Nexus 85

1. Product Type: Unique identification code of product type: **Nexus 85.**
2. Type batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **Nexus 85 - PO**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **Polymer Fibres for Structural use in Concrete, Mortar & Grout.**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **Nexus 85 – Fibre Concrete Solutions Ltd, 12-16 Bridge Street, Belfast, BT1 1LU.**
5. Contact address where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): **Not relevant – See 4**
6. Systems or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 1**
7. Notified Body (hen) in case of the declaration of performance (DoP) concerning a construction product covered by a harmonized standard: **TSUS – No. 1301. European Harmonised Standard EN14889-2:2006. Certificate No. 1301-CPR-1490.**
8. Notified body (ETA) in case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: **Not relevant – See 7**

9. Declared Performance:

Harmonised Standard EN14889:2 2006

Essential Characteristics	Declared Performance
Class	II
Length	60mm
Diameter	0.7mm
Polymer Type	Polyolefin
Shape	Continuously Deformed
Tensile Strength	415N/mm ²
Elastic Modulus	8700N/mm ²
Consistence with 2.5 kg/m ³ fibres - Vebe time	4 seconds
Effect on strength in reference concrete	2.5kg/m ³ to obtain 1.5N/mm ² @CMOD = 0.5mm 1.0N/mm ² @ CMOD = 3.5mm

Declaration 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 behalf of the manufacturer by:



Date 31st March 2020

Director, Fibre Concrete Solutions Ltd