

## DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulation (EU) No. 305/2011  
Modified by the Delegated Regulatory Commissions (EU) n° 574/2014  
Num. 0749-CPR-BC1-251-2978-0003-01\_1711-01

1. Unique identification code of the product-type:  
**R WAVE 50/1+**
2. Descriptive identification of the product:  
**Group I steel fiber, length 50 mm, diameter 1.0 mm.**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:  
**Steel fibres for structural use in concrete, mortar or grout according to EN14889-1:2006**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)  
**RIMSA Metal Technology, S.A.**  
Armenteres, s/n. 08980 Sant Feliu de Llobregat, BARCELONA (ESPAÑA)
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 1**
6. In case of the declaration of performance concerning a construction product covered by a harmonized standard:  
**Notified Body Belgian Construction Certification Association, No. CPR/0749**  
**Certificate of constancy of performance Nr 0749-CPR-BC1-251-2978-0003-01**
7. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Material	Steel	UNE-EN 14889-1:2006
Colour	Grey	
Density	7.8 g/cc	
Shape	wave	
Diameter	1.0 mm	
Length	50 mm	
Aspect ratio	50	
Tensile strength	1200 MPa	
Effect on consistence of concrete	8s with 20.0 Kg/m <sup>3</sup>	
Effect on strength of concrete to obtain $\geq 1.50$ N/mm <sup>2</sup> at CMOD = 0.5 mm and $\geq 1.00$ N/mm <sup>2</sup> at CMOD = 3.5 mm	20.0 Kg/m <sup>3</sup>	
Release of dangerous substances	No dangerous substances	
Durability	NPD	

The performance of the product identified above is in accordance with the performance declared in point 7.

This Declaration of Performance is issued in accordance with Regulation (EU) 305/2011, under the responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:  
D. Manuel Carbajo  
Managing Director

Place and date of issue:  
Sant Feliu de Llobregat, on February 7, 2020