

AT LAST. A TRANSPARENT PERFORMANCE COMPARISON FOR STEEL FIBRES.

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What you CE is what you get!

BOSFA are working towards introducing CE certification for the benefit of engineers and others interested in the use and specification of SFRC. Our aim is to provide a technically sound approach to the determination of SFRC performance.

EN14889-1 is currently the only performance based manufacturing standard for steel fibres, which means it requires manufacturers to declare the fibre dosage required to meet a standard performance level. Every pallet of product supplied to market has a CE label that details the manufacturing facility, fibre tensile strength, geometry and importantly this minimum dosage.

Proprietary design programs are often used by fibre suppliers with in some cases unverified design properties; the declared minimum dosage enables the engineer at design stage to quickly and easily compare the expected performance of different fibre types being offered and hence the reliability of the proposed designs.

	
0749-CPD	
NV BEKAERT SA – Bekaertstraat 2 B-8550 Zwevegem – Belgium	
EN 14889-1 09	
Certificate: BC1-251-0024-0003-006	
DRAMIX®: RC-55/35-BN	
Steel Fibres for structural use in concrete mortar and grout. Group 1: cold-drawn wire	
- Information and regulated characteristics:	
Shape	deformed
Bundling	glued
Coating	-
Fibre length (mm)	35
Diameter (mm)	0.62
Tensile strength (N/mm ²)	1270
Aspect ratio	56
- Consistence with 30kg/m ³ fibres - Vebe time = 8 sec	
- Effect on strength in reference concrete: 30kg/m ³	
To obtain >1.5N/mm ² at CMOD = 0.5mm and >1.0N/mm ² at CMOD = 3.5mm	

CE LABEL EXAMPLE

HOW TO SPECIFY:

- Steel fibres must conform to EN14889-1, system 1, for structural use.
- A copy of the **CE label and Certificate of Conformity** to be supplied to the project engineer and ready-mix plant.

THIS PROVIDES:

- Engineers an independent means to compare expected fibre performance.
- Ready-mix plants the ability to introduce QC checks that the correct fibre is batched.
- Contractors the confidence that what's been specified is supplied to site.

REALISE GREATER ENGINEERING EFFICIENCY WITHOUT COMPROMISING QUALITY ON YOUR NEXT PROJECT. TALK TO **THE LEADER IN FIBRE REINFORCED CONCRETE ENGINEERING** CALL 1300 665 755 (AUS), 0800 665 755 (NZ) OR VISIT BOSFA.COM

