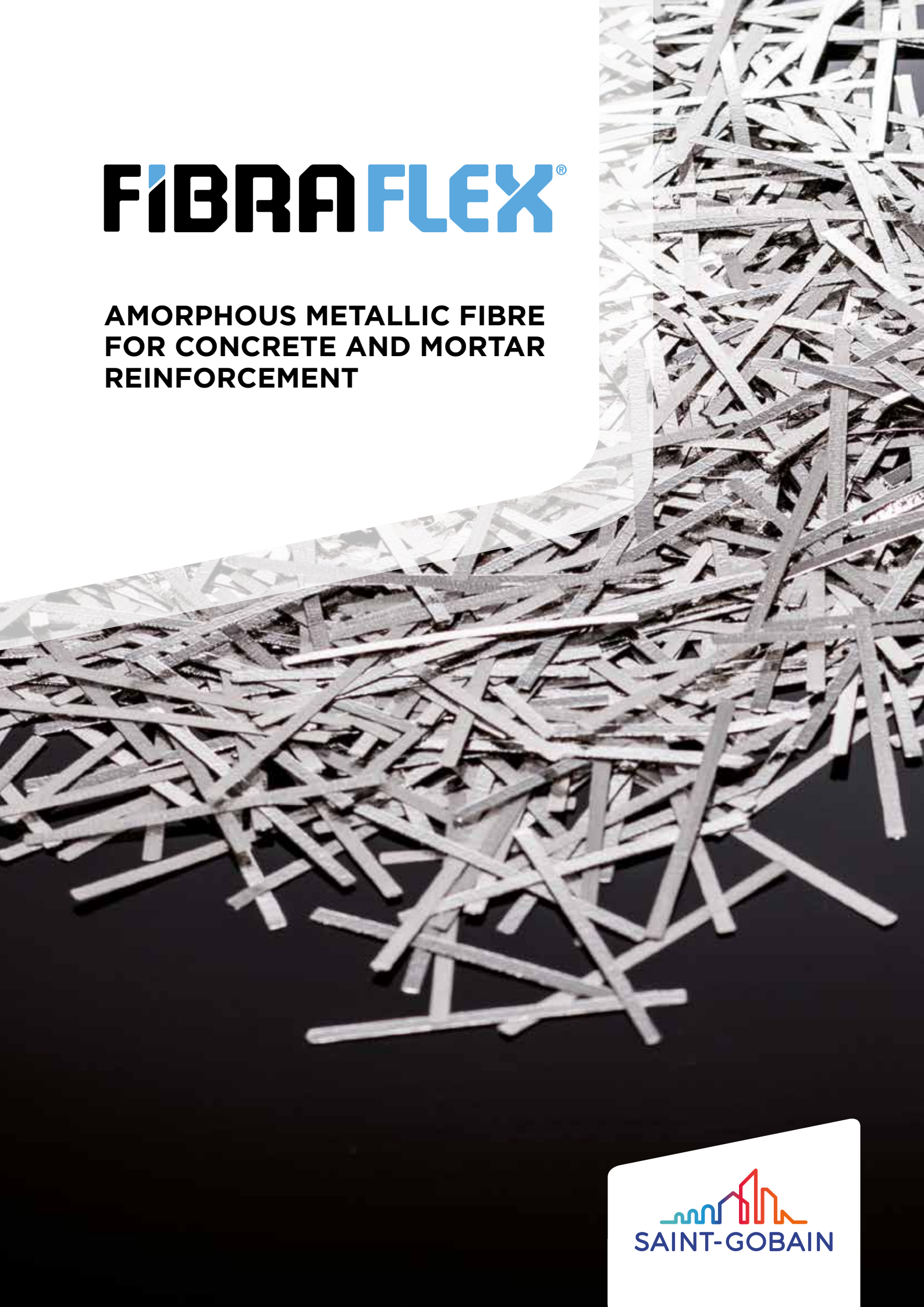
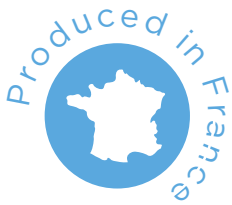


FIBRA FLEX[®]

**AMORPHOUS METALLIC FIBRE
FOR CONCRETE AND MORTAR
REINFORCEMENT**

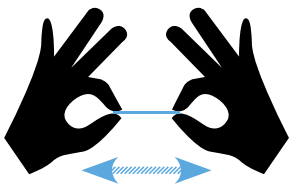


SAINT-GOBAIN



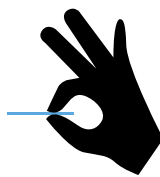
Made of iron and **chromium alloy**, **FIBRAFLEX®** is produced in France, using an **exclusive process** of liquid metal hyperquenching.

FEATURES



TENSILE STRENGTH

For concrete optimised mechanical properties



THINNESS

For concrete dense and homogeneous reinforcement



FLEXIBILITY

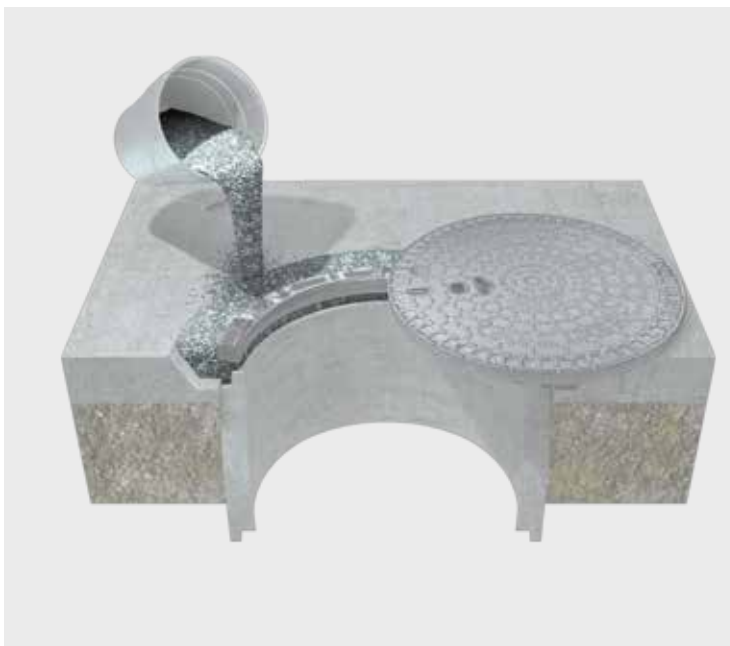
For concrete easier handling and greater safety



CORROSION RESISTANCE

For concrete greater sustainability

APPLICATIONS



FIXING MORTARS



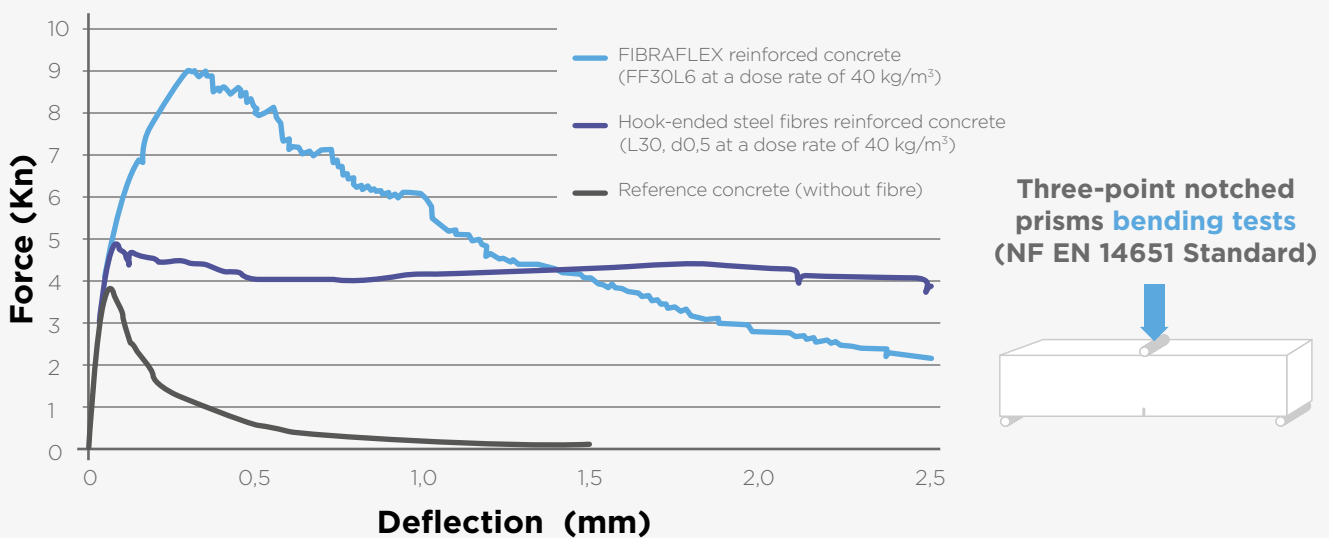
REPAIR MORTARS

ACTIONS WITHIN CONCRETE

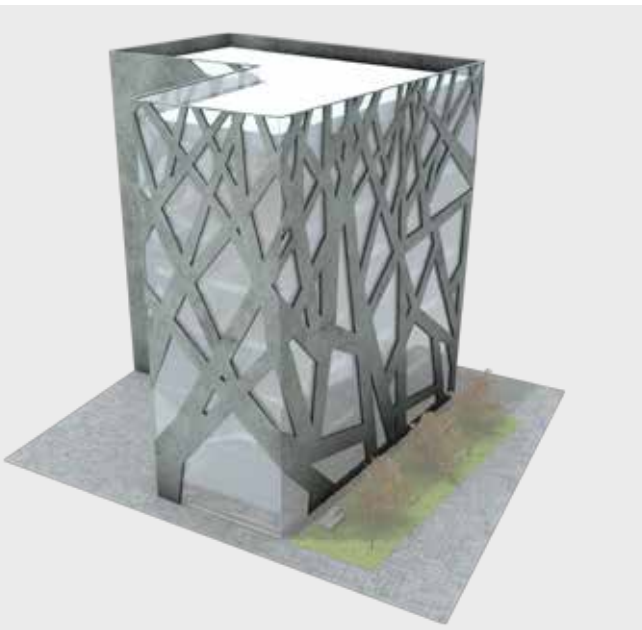
The outstanding features of **FIBRAFLEX** bring unmatched performance to your concretes and mortars. The presence of **FIBRAFLEX** enables to reduce the initial crack openings arising. Thereby, the concrete **flexural strength** and its **sustainability** are reinforced.

FLEXURAL BEHAVIOUR OF A FIBRAFLEX REINFORCED CONCRETE

Force - Deflection curves



Source: R. HAMEED. «Apport d'un Renfort de Fibres sur les Performances des Structures en Béton Armé pour les Applications Parasismiques» (Contribution of metallic fibers on the performance of reinforced concrete structures for the seismic application) Doctoral thesis submitted to Paul SABATIER University (TOULOUSE III) in 2010.

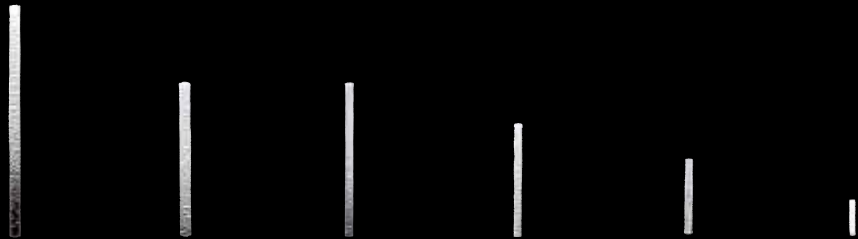


PRECASTING / UHPFRC



TECHNICAL FLOORINGS

THE RANGE FIBRAFLEX®



Reference	FF30L6	FF20L6	FF20E0	FF15E0	FF10E0	FF5E0
Length	30 mm	20 mm	20 mm	15 mm	10 mm	5 mm
Width	1,6 mm		1 mm			
Thickness	29 µm		24 µm			
No. of fibres per Kg	100 000	150 000	275 000	385 000	580 000	1100 000



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The indicative data are grounded upon our product experience and the knowledge concerning its uses. The Company in which our product is being used is solely responsible for its implementation, in particular in accordance with the rules of good practice.