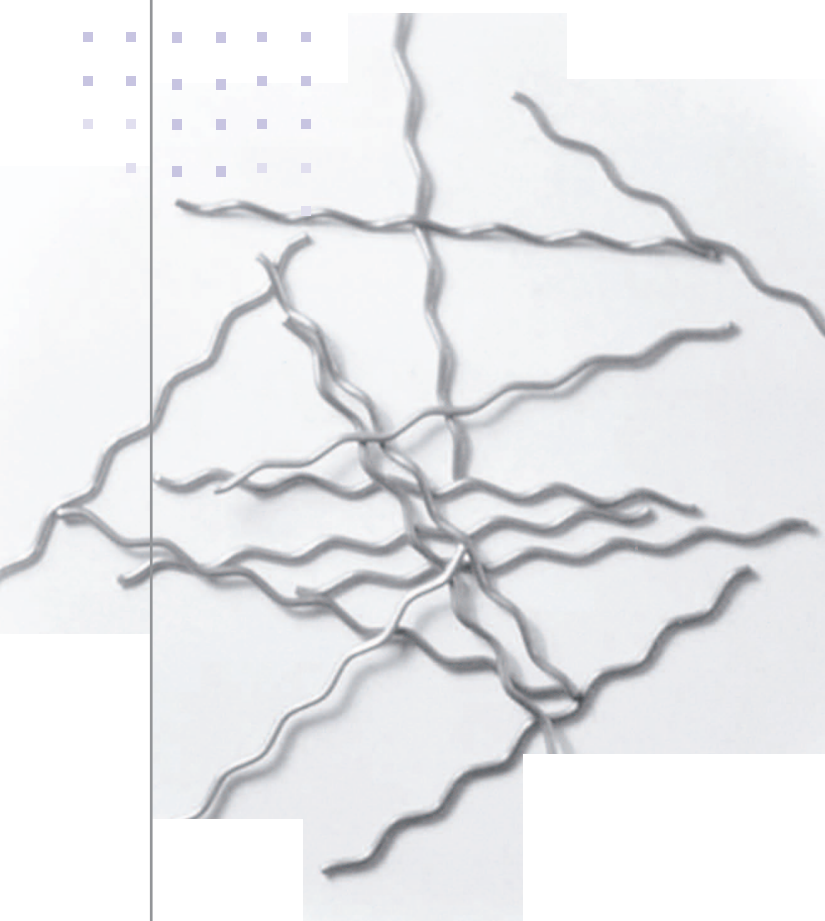




# ROCLAND

## Eurosteel® 50-100

### High ductility steel fibres for structural concrete



#### Product description

**Eurosteel®** is a cold drawn steel fibre with a continuous crimped deformation which has been designed to significantly improve the performance of the concrete.

#### Benefits

**Eurosteel®** fibres significantly improve the concrete performance in terms of :

- Toughness
- Flexural strength
- Shear strength
- Impact resistance
- Shrinkage

#### Uses

- **Silifiber®** ground bearing slabs (internal or external)
- Conductil® 'joint-free' slabs on ground
- Spanfibre composite floors on steel decks

#### Physical properties

Length:	50 mm
Diameter:	1 mm
Tensile strength (ISO-89-1974):	1100 MPa
Anchorage:	6 waves
Wave depth:	1 mm
Carbon content (DIN 1652):	< 0.15 %

#### Manufacturing

The production of **Eurosteel®** is controlled to the highest quality standards EN ISO 9001:2000 and TÜV.

#### Agreements

The use of **Eurosteel®** fibres is the subject of an agreement by technical surveyors in different countries: Seco in Belgium, Socotec & Qualiconsult in France.

#### Design

Concrete reinforced with **Eurosteel®** fibres must be designed by a qualified engineer.

#### Method statement

**Eurosteel®** fibres are mixed on site. A 'blast-machine' blows the fibres directly into the concrete lorry in order to ensure an even distribution and fast mixing. The **Eurosteel®** fibres must be handled by a qualified operator.

#### Dosage

The dosage of **Eurosteel®** fibres varies between 20 and 60 kg/m<sup>3</sup> to suit design requirements.

#### Packaging

**Eurosteel®** fibres are packed in boxes of 25 kg. For larger quantities, boxes are grouped on pallets of 1,500 kg.

#### Note :

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it and that the actual conditions of use are suitable.



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