



# KRAMPE HAREX®

## KNOW WHY.

### Data Sheet | Fibres

Version 12/2021

## WIRE FIBRE hooked ends

- 1 Type of fibre
- 3 Length
- 5 Material Specification

**D E 50 / 1.00 N**

- 2 Shape of fibre
- 4 Diameter



#### GEOMETRY

1 Type of fibre	wire fibre
2 Shape of fibre	hooked ends
3 Length	50 mm ± 10 %
4 Diameter	1.00 mm ± 10 %
Cross section	round
Ratio (L/d)	50

#### MATERIAL PROPERTIES

5 Material	steel
Material number	1,0313
Tensile strength	1,100 N/mm <sup>2</sup>
Modulus of elasticity	210,000 N/mm <sup>2</sup>

#### CERTIFICATIONS & SYSTEM APPROVALS

Standards	DIN EN 14889-1
Certifications (DIN)	EN ISO 9001:2015, EN ISO 50001



#### GENERAL FIBER INFORMATION

Quantity of fibres (ref. 1 kg)	~ 3,243
Total fiber length (ref. 1 kg)	162 m

#### DOSAGE

Minimum dosage (CE)	20 kg/m <sup>3</sup>
---------------------	----------------------

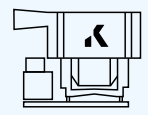
#### DOSING DEVICES



Fibre Blower



Conveyor belt



Automatic dosing system

#### SERVICE+

As part of our Service+ offer, we offer static calculation for industrial floors and other steel-fibre concrete elements, we recommend the suitable fibre type and optimal dosing.

You can also find more information at: [krampeharex.com](http://krampeharex.com)

Subject to change without notice. All specifications are only a general description of our products.

#### INFO

- Application examples
- > Jointless industrial floors
  - > Precast concrete elements
  - > Residential Construction

#### SAFETY



Protective glasses



Gloves

#### PACKAGING (Standard)



**Bags**  
20 kg Bag  
1200 kg Palett



**Boxes\***  
10/20 kg Box  
1200 kg Palett



**Big Bag**  
500 kg Big Bag  
1000 kg Palett

\*aligned and tightly packed

#### STORAGE



Keep Dry