



KRAMPE HAREX®

KNOW WHY.

Data Sheet | Fibres

Version 05/2019

WIRE FIBRE HOOKED ENDS

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

DE 50/0,65 N

- 2 Shape of fibre
- 4 Diameter



GEOMETRY

| | |
|------------------|---------------|
| 1 Type of fibre | wire fibre |
| 2 Shape of fibre | hooked ends |
| 3 Length (L) | 50 mm ± 10 |
| 4 Diameter (d) | 0,65 mm ± 10% |
| Cross section | round |
| Ratio (L/d) | 77 |

FIBRE NETWORK

| | |
|--------------------|----------------------|
| Quantity of fibres | 7.678 fibres/kg |
| Minimum dosage | 15 kg/m ³ |

MATERIAL PROPERTIES

| | |
|---------------------------|---------------------------|
| 5 Material specifications | Normal tensile strength |
| Material | Steel |
| Material number | 1.0313 |
| Tensile strength | 1.200 N/mm ² |
| Modulus of elasticity | 210.000 N/mm ² |

CERTIFICATIONS & SYSTEM APPROVALS

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



Subject to change without notice. All specifications are only a general description of our products. For detailed information please ask for our product leaflets.

INFO

Krampe Harex® Fibres are a cost effective solution to conventional reinforcement methods.:

- > Industrial floors
- > Tunneling applications
- > Precast concrete elements
- > Applications in residential buildings

In relation to our **Service+** offer, we determine the suitable type of fibre, the optimal dosage and the necessary concrete strength. Further information can be found on our website krampeharex.com.

PACKAGING



Bags



Boxes*



Big Bag

STORAGE



Keep Dry

* Fibres are magnetically linearized.