

# Technical Data Sheet



*FibrexSF is a cost effective stainless steel fibre developed by Fibretech for concrete products to provide cracking and corrosion resistance. The fibres are used to reinforce concrete structures with or without rebar depending on strength requirements.*

*It contains chromium to help improve corrosion resistance as the concrete ages due to carbonation. The fibres can be used in many construction applications, including shotcrete, gunning and pre-cast sections and comply with BS EN14899-1 group III and ASTM A820-11 type III.*

## Chemical Composition:(maximum unless stated)



**Highly fire resistant up to 1000 °C**

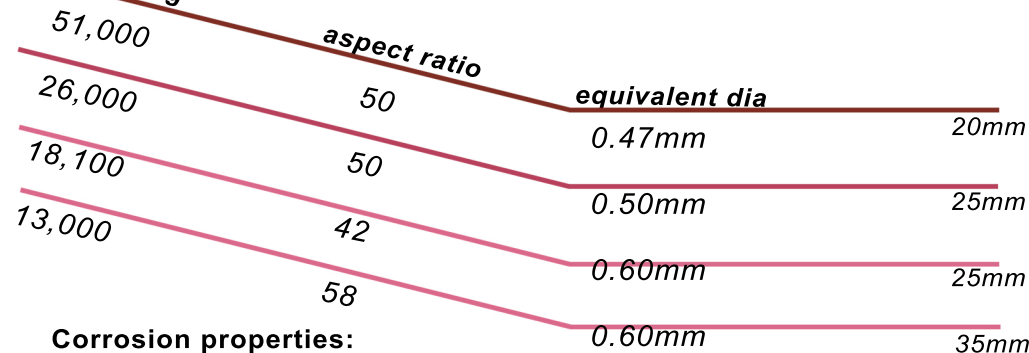
### Applications include;

*flooring, sills, lintels, bridge repair, tunnel linings, sea defences*

*Fibrex SF offers an economical solution for shotcrete and are made from stainless steel. Gunning provides superior repair work and corrosion resistance compared to steel fibres*



**typical No/kg**



**Easy to apply using gunning processes. Low rebound losses. Typical applications include tunnels, dams, spillways, bridges, piers and pre-cast**

### Corrosion properties:

**PREN 11**  
(Pitting Resistance Equivalent Number)  
Corrosion sea water



**Used to improve concrete toughness, shear strength and impact resistance**



**Reduce concrete cracking due to reduced shrinkage. Highly corrosion resistant**

**Typical Tensile Strength**

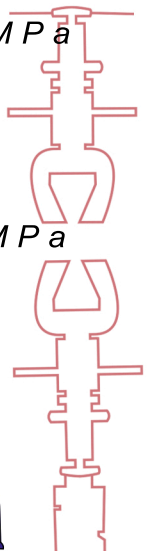
**Elongation**

**Yield Strength**

570 MPa

20 %

275 MPa



Cert No. 1493  
ISO14001:2015

Cert No. GB00273  
BS EN ISO 9001:2015



**FIBRETECH®**

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