FIBRE TECHNOLOGIES INTERNATIONAL

Chopped Strand ACS6H-950Y

Specialised for premix GRC & renders



Technical Datasheet

High Zirconia 17%+ Alkali-Resistant Glass Fibre

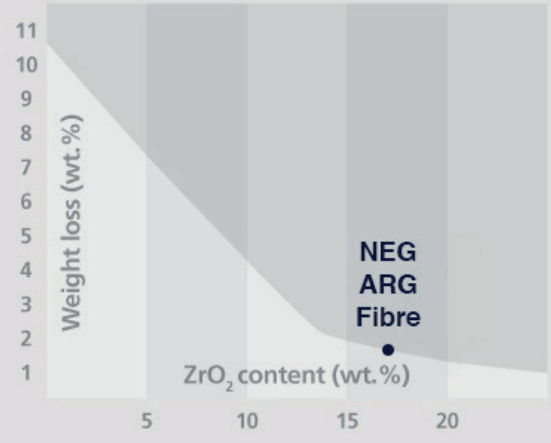
Product Description

ACS6H-950Y has good strand integrity during mixing and is very effective at lower fibre percentages (1.5 - 2.5%). The new H950 sizing has improved workability, allowing less water or more fibre to be used for the same fluidity.

Advantages

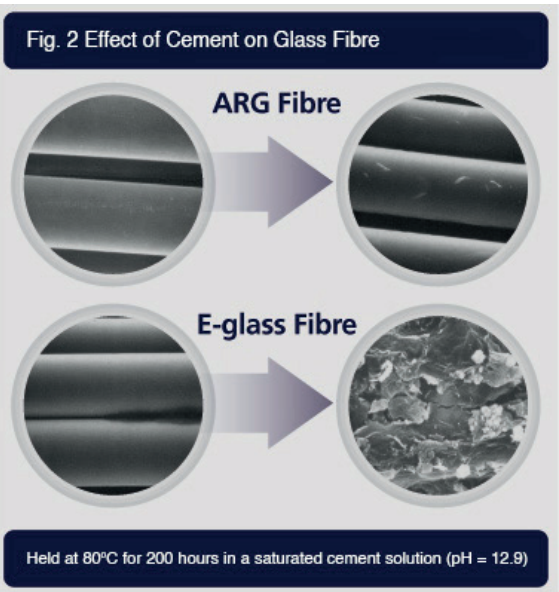
- High zirconia content
- Effective at lower fibre %
- Good integrity during mixing
- Reinforces cement renders
- Proven Japanese quality

Fig. 1 Alkali Resistance of Glass & ZrO_2 Contents



Held at 80°C for 200 hours in a saturated cement solution (pH = 12.9)

Fig. 2 Effect of Cement on Glass Fibre



Held at 80°C for 200 hours in a saturated cement solution (pH = 12.9)

Product Information

Type of Glass:	Alkali-Resistant
Strand Length:	6mm
Strand Tex:	40g/1000LM
Zirconia Content:	Minimum 17%
Moisture Content:	< 0.5%

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Properties

Thermal Expansion Coefficient:	9×10^{-6}/°C	(5×10^{-6}/°F)
Softening Point:	830°C	(1526°F)
Density:	2.8g/cm³	(175pcf)
Tensile Strength:	1.5GN/m²	(2.04×10^{5}psi)
Young's Modulus:	74GN/m²	(1.08×10^{7}psi)
Strain to Failure:	2%	



Supplied in bags, 20kg each, 40 per pallet
Net Weight: 800kg
Gross Weight: 835kg
110 x 110 x 110cm
Supplied by Fibre Technologies International

*NEG ARG Fibres are manufactured in compliance with **ASTM C1666/C** and **EN 15422:2008** under the recommendations of PCI and GRCA*

Technical Support

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