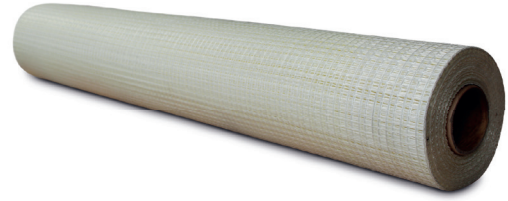


# NEG ARG Fibre Net 10x10

Additional reinforcement for  
sprayed or premix GRC



## High Zirconia 17%+ Alkali-Resistant Glass Fibre Scrim

### Product Description

NEG ARG Fibre Net 10x10 is made of Glass Fibre which contains the largest content of  $ZrO_2$  commercially available.

TD 10x10 is a scrim, engineered for the reinforcement of mortar and concrete. This net can be used in architecture for exterior panels, plastering, and more.

### Advantages

- High zirconia content
- Possesses good binding properties with cementitious materials
- Easy to position
- Does not rot or corrode, allowing for minimum cover

### Product Information

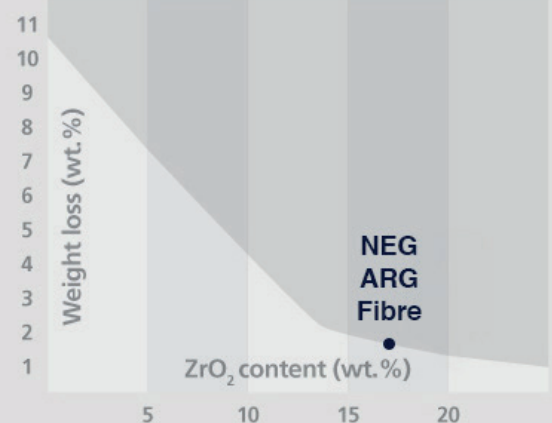
Type of Glass: Alkali-Resistant

Weight ( $g/m^2$ ): 80

Width (mm): 1050

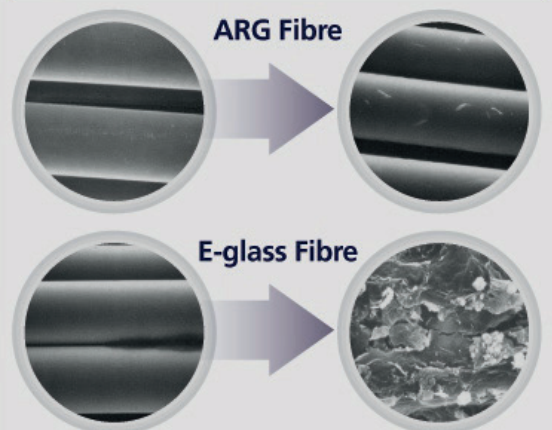
Tensile Strength  
(N/25mm): More than 200

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)

## Properties

|                                       |                          |                              |
|---------------------------------------|--------------------------|------------------------------|
| <b>Thermal Expansion Coefficient:</b> | 9 x 10 <sup>-6</sup> /°C | (5 x 10 <sup>-6</sup> /°F)   |
| <b>Softening Point:</b>               | 830 °C                   | (1526 °F)                    |
| <b>Density:</b>                       | 2.8g/cm <sup>3</sup>     | (175pcf)                     |
| <b>Tensile Strength:</b>              | 1.5GN/m <sup>2</sup>     | (2.04 x 10 <sup>5</sup> psi) |
| <b>Young's Modulus:</b>               | 74GN/m <sup>2</sup>      | (1.08 x 10 <sup>7</sup> psi) |
| <b>Strain to Failure:</b>             | 2%                       |                              |

## Technical Support

### Fibre Technologies International Ltd

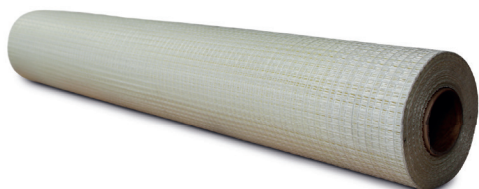
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- [www.fibrettech.org](http://www.fibrettech.org)



*Supplied in rolls, 100m long, 36 rolls per pallet*

*Pallet dimensions (mm):*

*Length: 1140*

*Width: 1140*

*Height: 1176*

*This product should be stored in an upright position in a dry area in its original packaging away from direct sunlight*

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

