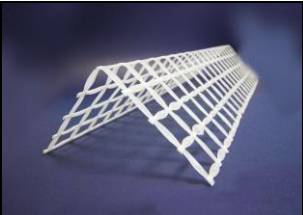


 **Polirex**[®] polietilene espanso
 **Fioccotex**[®] geotessuto
 **Glasstex**[®] rete in fibra di vetro

 **Fibromix**[®] fibre di polipropilene
 **Sistema Armatex**[®]
 rinforzo strutturale/antiribaltamento
 antisfondellamento/antisismico



Technical data sheet	N. A 1008 06-19	
ANGOLO STRUKTURA - Art. GT AR AS		
PREFORMED STRUCTURAL CORNER IN AR GLASS FIBERGLASS (alkaline resistant) PRIMED WITH EPOXY RESIN "THERMOSET POLYMER FINISH"		
Suitable for guaranteeing continuity of performance of fiberglass meshes for structural reinforcements and consolidation of openings and windows.		

GEOMETRIC CHARACTERISTICS	NOMINAL VALUE	TOLERANCE	REGULATION
MEDIUM THICKNESS OF PRIMED FABRIC	3.00 mm	+/- 5 %	-
STICH DIMENSION (INTERNAL MEASURES)	38x38	+/- 5 %	-
COLOUR	WHITE	-	-
AVERAGE WIRE WIDTH	5.00 mm	-	-
BAR HEIGHT	250 cm	-	UNI 9311/2
SIDES WIDTH	15 cm	-	UNI 9311/2
GLASS DENSITY	2,68 g/cm ³	+/- 5 %	-
TENSILE STRENGHT (Warp)	150 kN/m	+/- 5%	-
TENSILE STRENGHT (Weft)	140 kN/m	+/- 5%	-
SINGLE-WIRE NOMINAL AREA (warp)	3,69 mm ²	+/- 5%	-
SINGLE-WIRE NOMINAL AREA (Weft)	3,69 mm ²	+/- 5%	-
RESISTANT SECTION (warp)	97,00 mm ² /m	+/- 5%	CNR-DT 200 R1/2013
RESISTANT SECTION (Weft)	97,00 mm ² /m	+/- 5%	CNR-DT 200 R1/2013



Advantages

- Quick and easy to apply
- Lightness and reduced thickness
- Excellent mechanical characteristics in warp and weft
- Resistance to atmospheric agents
- Easy to cut and easy to handle
- Usable in aggressive environments
- Durability
- Suitable for any kind of support
- Usable with lime and / or cement based mortars
- Radiotranslucent

Preparation of the support

To prepare the support carefully follow the instructions in the technical data sheets of the product with which **Angolo Struktura** is combined:

- Clay Line mortars;
- Concrete Line mortar line.

Usages

Proceed to make holes of suitable diameter and inclination (at least 4 per m²) depending on the chosen connection system: Vortex, Glass Connector or Focchi (see technical data sheets).

Apply a first layer of mortar (see technical data sheet of the chosen product), lay the Glasstex Struktura net and in correspondence of the corners or corners, place Angolo Struktura on the still fresh mortar, take care to ensure at least 15 cm on the overlaps, lay the second layer of mortar.

Integrate the aforementioned indications referring to the Biemme quaderno tecnico applicativo regarding the Armatex line, the latest version is available on the site:

<http://biemmebiagiotti.com/wp-content/uploads/2017/06/QUADERNO-TECNICO-APPLICATIVO.pdf>

Per utilizzi diversi da quelli riportati contattare il nostro ufficio tecnico.

Storage and security

Store in a protected and dry place.

Use appropriate precautions in handling, transport and storage activities to avoid damage.

During handling and application wear protective clothing, glasses and gloves.

Specifications

Angle element in fiberglass AR GLASS (Alkali-resistant) containing > 16% zirconium dioxide speckled, suitable for structural reinforcement and consolidation of stone, brick, tuff, mixed and vaulted type ANGOLO STRUKTURA by Biemme S.r.l. having the following characteristics: mesh size 38X38 mm, tensile strength (warp) 150 kN / m, tensile strength (weft) 140 kN / m.

The indications reported in this documentation regarding the use or use of our products, while corresponding to our best experience and to the current state of our knowledge, are to be considered, in any case, purely indicative and do not involve any responsibility on the final result of the work. Therefore it is the responsibility of the buyer to verify the suitability of our products for the use and the purposes it is intended for. Biemme srl is not responsible for improper use of the material. Always refer to the latest updated version of the technical data sheet, available on the site: www.biemmebiagiotti.com. Biemme srl reserves the right to make changes at any time that it deems appropriate without any notification.

