

# Armoglass Grid 33

## Monolithic mesh gusset in glass yarn and epoxy resin



Armoglass Grid 33 is a square reinforcement gusset, with a side of 17 cm, made with glass yarn bars and pultruded epoxy resin. The monolithic, bidirectional mesh has a 33x33mm mesh, with a bar diameter of 3mm. The bars are intertwined with each other through a stitching thread, using a unique technology that allows the formation of joints between the longitudinal and transverse bars with high mechanical resistance. The epoxy resin guarantees the mesh high dimensional stability, alkali resistance and improves the mechanical characteristics. Armoglass Grid 33 is a component of our RINFOR SYSTEM systems, which also include GFRP networks, gussets and connectors combined with our lime-based or cement-based mortars.

**CUSTOMS CODE:** 7019 6100

**COMPONENTS:** Single-component

**APPEARANCE:** Net

**AVAILABLE COLORS:** Black

**PACKAGING AND DIMENSIONS:** Bulk material 1 unit

## OBTAINED CERTIFICATIONS AND REGULATIONS



## FIELDS OF APPLICATION

To be used in combination with Armoglass Structura meshes in pultruded glass for the reinforcement of masonry and concrete structures through the reinforced plaster technique (CRM system: Composite Reinforced Mortar).

## ALLOWED SUPPORTS

Concrete - Cement-based or lime-based mortars - Mixed walls (bricks and stones) - Brickworks - Stone walls - Porphyry and natural stones  
- Lime and lime-cement plasters and mortars

## PREPARATION OF SUPPORTS

To prepare the support, carefully follow what is indicated in the technical data sheets of the mortar with which Armoglass Grid 33 is combined

## MODE OF USE

Apply Armoglass Grid 33 together with the Armoglass Connectors provided in the reinforced plastering cycle, in order to guarantee greater structural collaboration between the mesh, connector and mortar of the RINFOR SYSTEM reinforcement system.



## APPLICATION METHODS


Apply by hand


## KEY FEATURES

 Length: 17 cm


 Nonflammable

 Unlimited shelf-life

 UV-resistant

 Material 100% eco-friendly

 Suitable for contact with drinking water

 Use wearing protective gloves

 Width: 17 cm

## TECHNICAL SPECIFICATIONS

Two-way texture

Mesh size **33 x 33 mm**

*CNR-DT 203/2006*

Nominal area of single strand (weft) **7.07 mm<sup>2</sup>**

Unit weight **830 g/m<sup>2</sup>**

*CNR-DT 200/2004 CNR-DT 203/2006*

Nominal Area of Fibers (Weft) **4.5 mm<sup>2</sup>**

## CONSUMPTION

Based on the connectors provided in the CRM system.

## STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight.

## WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge.

Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage.

Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: [www.azichem.com](http://www.azichem.com). The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: [www.azichem.com](http://www.azichem.com).

It is forbidden to dispose of the product and/or packaging in the environment.

