

REINFORCED PLASTER – CRM MASONRY SYSTEM

G-MESH GUSSET

Mesh gusset for structural strengthening to existing walls using the CRM system reinforced plaster technique

FIELDS OF APPLICATION

- Absorption of stress concentrations in connection systems for strengthening existing brick, tufa, and irregular stone masonry.
- As a component of the **CRM (Composite Reinforced Mortar) system** consisting of **G-MESH 400** and **G-MESH 490** alkali-resistant fibreglass meshes and Ruregold **MX-RW High Performance**, **MX-CP Lime**, and **MX-15 Plaster** structural plaster mortars.

PROPERTIES AND ADVANTAGES OF THE SYSTEM

- Innovative circular section with central hole for inserting the connector.

- Excellent tensile strength and mechanical performance.
- Reversible.
- Easy to apply.
- Practical to use.

METHOD OF APPLICATION

After positioning the **G-MESH 400** or **G-MESH 490** mesh and the **HELICAL CONNECTOR** (for installation of the complete CRM system, refer to the technical data sheet for these meshes), application of the **G-MESH GUSSET** ensures the best response to stress concentrations.

TECHNICAL CHARACTERISTICS

Constituent properties of the gusset	Glass-filled polyamide (PA)
Gusset size	External diameter → 170 mm internal diameter → 30 mm
Gusset mesh size	35x35 mm
Packaging	200 pieces
Application temperature	From +5°C to +35°C

WARNINGS

- The product must be kept dry and unopened, in its original packaging.
 - The surface must be protected from weather.
- For further technical information, contact Ruregold Technical Support on +39 02.48011962 – info@ruregold.it.

SPECIFICATION ITEM

Supply and install glass fibre reinforced polyamide (PA) strengthening component, external diameter 170 mm and internal diameter 30 mm, mesh size 35 X 35 mm, type Ruregold **G-MESH GUSSET**. The gusset is a component used in the connection of the Ruregold CRM (Composite Reinforced Mortar)

strengthening system in combination with the Ruregold **HELICAL CONNECTOR** stainless steel bar and/or the Ruregold preformed GFRP **G-MESH CONNECTOR** connector; with 80x80 square Ruregold **G-MESH 490** preformed mesh weighing 490 g/m², or with pre-formed rectangular 80x120 mm Ruregold **G-MESH 400** weighing 400 g/m²; and with the Ruregold **G-MESH ANGLE** corner element and Ruregold **MX-RW High Performance/MX-15 Plaster/MX-CP Lime** structural mortars. The gusset is used to transfer stress concentrations in connection systems for consolidating and structurally strengthening brick, tufa, and irregular stone masonry.

Edition 11/2020

This technical data sheet is not a specification.

Although the information provided is the outcome of our best experience and knowledge, it is indicative only. The user is responsible for determining whether the product is suitable or unsuitable for the intended use, and accepts all liability arising from the use of that product. Ruregold reserves the right to change the packaging and the quantity it contains, without notice. Verify that the revision of the data sheet is current. Ruregold products are intended for professional use only.



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