

DESCRIPTION OF G-iron ArmoFlex®

COMPONENTS

G-iron ArmoFlex®

Flexible metallic fabric, made in warp and weft, protected from the corrosion and coated by 150µm thick aluminum on both sides. Supplied in rolls

Thickness: 1.28 mm



Picture 1: Roll of G-iron ArmoFlex®



Picture 2: Strips of G-iron ArmoFlex®

WARNING

Always handle G-iron ArmoFlex® while wearing protective gloves.

PACKING DETAILS

The rolls are packed in crated for international freight forwarding or on pallets for domestic freight forwarding.

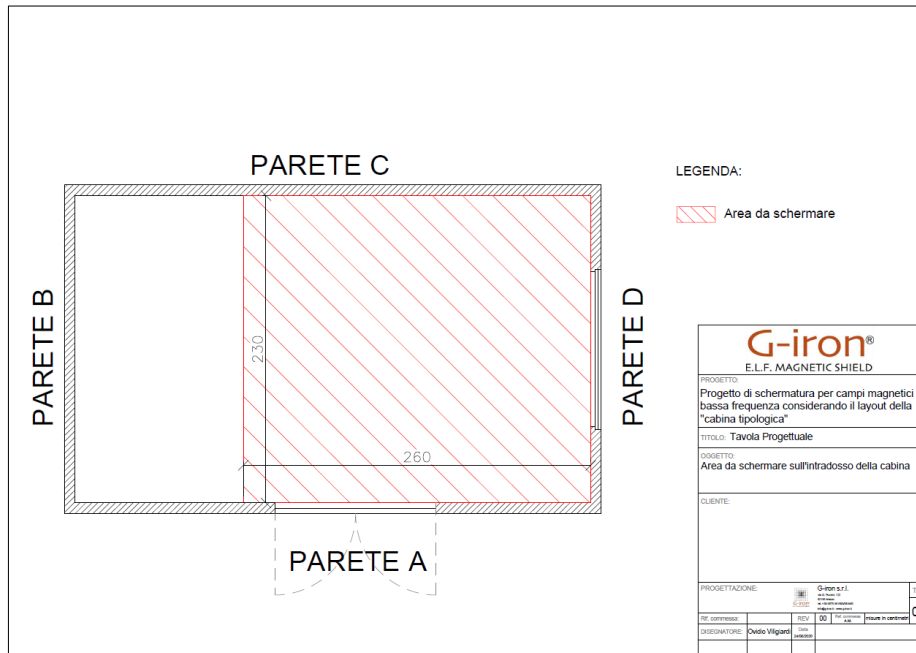
In order to maintain the quality standard, it is necessary to store the goods in a covered and dry place, protected from any atmospheric agent. It is recommended to open the packing only at the moment of the shielding system installation.

The information and data embodied in this document and its attachments are strictly confidential and are supplied on the understanding that they will be held confidential and will not be disclosed to other parties.

SEQUENCE OF INTSALLATION

- **STEP 1: OUTLINING THE AREA TO BE SHIELDED**

The first step is to outline the surface to be shielded with a chalk line, following the technical drawings (see pic. 3 & 4).



Picture 3: Example of drawing for the identification of the surface to be shielded



Picture 4: Outlining the surface to be shielded with a chalk line

The information and data embodied in this document and its attachments are strictly confidential and are supplied on the understanding that they will be held confidential and will not be disclosed to other parties.

- **STEP 2: SETTING-UP G-iron ArmoFlex®**

The material is supplied in rolls from which the strips and the corner parts have to be cut to cover all the surfaces to be shielded.

CUTTING THE STRIPS

G-iron ArmoFlex® must be cut with industrial snips only (see pic. 5 & 6). Do not use power tools.

IMPORTANT: Take care to unroll the material without letting it crawl directly on the floor to avoid abrasion of the aluminum coating. Place a nylon sheet between the roll and the floor.



Pictures 4 & 5: Cutting G-iron ArmoFlex® with industrial snips

All the cuts must be covered with the aluminum tape supplied with the material, whether on length or the width of the strips (see pic. 7 & 8).



Pictures 7 & 8: Taping the cuts of G-iron ArmoFlex®

WARNING:

Never cut G-iron ArmoFlex® with sanders, disks or any method that could heat up the material

The information and data embodied in this document and its attachments are strictly confidential and are supplied on the understanding that they will be held confidential and will not be disclosed to other parties.

SHAPING ANGULAR PARTS

Follow the same procedure as that required for the strip. Once the strip has been properly taped, it has to be bent by hand at the measured bending point indicated in our executive project (see pic. 9 & 10).



Pictures 9-10: Bending a strip of G-iron ArmoFlex® to form an angular part

- STEP 3: INSTALLATION OF G-iron ArmoFlex®

As soon as all the straight strips and the angular parts are set up, they can be installed on the surfaces, starting with the angular parts (see pic. 11 & 12). **Whether a strip or a corner part, the elements must be overlapped (standard approx. 40 mm. Only in some specific cases it can be reduced to min. 20 mm).**

All the components must be applied flat and tight on all the surfaces, be sure to avoid any curvatures, waves and ripples that would distance the material from the surface.



Pictures 11 & 12 – Vertical angular elements

The information and data embodied in this document and its attachments are strictly confidential and are supplied on the understanding that they will be held confidential and will not be disclosed to other parties.

Once all the angular parts have been installed, proceed with the strips pay attention to cover the outlined areas. As already mentioned, all the elements must be overlapped to each other.



Picture 13 - G-iron ArmoFlex® installation completed

WARNING

Fasteners are not included in the supply and must be chosen considering the substratum characteristics. Therefore, we recommend to assessing it before choosing the appropriate hardware.

NB: This shielding system needs a provision for earthing system.

The information and data embodied in this document and its attachments are strictly confidential and are supplied on the understanding that they will be held confidential and will not be disclosed to other parties.