

Handling, storage and installation of panels

In order to guarantee integrity, the packs of panels must be unloaded from the transport means using a suitable **sling bar** and **certified nylon straps**.

The distance between lifting points must be equal to or greater than half the length of the package. To avoid damage, the nylon straps must be kept detached from the sides of the pack by using suitable wooden planks placed both above and below the package itself. No more than three packages may be stacked one on top of the other.



In the absence of a sling bar, in some cases unloading can also be done by using suitable **forklift trucks**. To avoid damaging the panel or even breaking the package, in these cases the distance between the forks and the width of the lifting equipment must take into account the **length of the pack**, its **weight**, as well as the **panel thickness**.

If it is expected that the panels will be stored for a prolonged period of time, this must take place in a **covered and ventilated environment** and for a **maximum period of six months**.

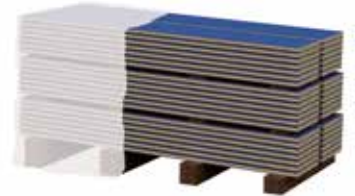
In these cases, it is a good rule to open the packs, and also to separate the panels with special **spacers to ensure ventilation** between one panel and another.

If this is not possible, for **short storage periods** (maximum **30 days**) adequate **covered place** must be made and the panels must be protected with **opaque waterproof sheets**, taking care however to maintain adequate ventilation, **to avoid damaging stagnant condensation between panels**.

In any case, suitable supports must be provided to keep the packages raised from the ground. As **light slope** (5% minimum) must be provided to allow the outflow of any condensation or rain.

If these rules are not observed, there is the danger that the stagnant humidity will attack the coating, causing it to separate from the galvanized support, forming a phenomenon called “blistering”.

It is recommended to install the panels within one month of delivery to the building site.



If **transported by container**, the products must be removed from the same **within 15 days** from shipment in order to avoid deterioration of the pre-painted metal supports caused by the high concentration of moisture that can accumulate in the container when closed for a long time.

Due to the possible presence of small cutting burrs or metallic filings, the individual panels must be removed from the package taking care **not to damage the panel underneath**.

Manual transport must be carried out, keeping the panel in the rib and by **at least two people**.



The **protective film** must be removed during the installation of the panels and in any case **not over 60 calendar days** from the date of production of the panels.

If the panels were ordered, produced and delivered without protective film on the painted support, it is necessary to pay careful attention not to cause damage during handling and assembly.

The panels must be **set up** by qualified personnel who are familiar with the rules of good technique.

Personnel equipment, in particular all PPE, must be provided for worker safety and to prevent damage to the panels during handling and installation.

WARRANTY: Failure to comply with these minimum requirements exempts Marcegaglia Buildtech from any responsibility for damage to the products and forfeiture of the warranty provided for by the terms of sale.

