

## INSTRUCTIONS - SELF-SUPPORT CORRUGATED SHEET -

### TRANSPORT, UNLOADING AND HANDLING

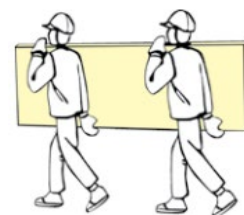
The self-supporting corrugated metal sheets are stacked upside-down (face-up) allowing also the folding of different length sheets on the same palette

It is recommended to transport the sheets in a covered vehicle with an adequate length of loading space according to the length of the packages. The vehicle in which the products are transported should have a platform that allows loading of a package of sheets so that it does not extend more than 0.5 m beyond the rear plate. If the sheets exceed the platform of the vehicle by more than 0.5 m, but not more than 1 m, the packages must be placed on a rigid platform. It is forbidden to transport products which exceed the platform of the means of transport by more than 1 m

It is necessary to attach straps (slings/belts/bands) around the packages in order to prevent them from shifting in the cargo space during transport. Special attention shall be paid to the fastening method so as to avoid damaging the products by tightening the straps.

Packages can be unloaded with a crane and / or a forklift (up to a length of 6 m) or manually.

For lifting, the packages must always be secured in at least 2 points spaced at least half the length of the packages with synthetic fibre straps with a width greater than or at least equal to 10cm so that the load on the straps is distributed. During unloading operations, the perpendicular position of the belts must be ensured. For this purpose, we recommend using a support bar. Suitable spacers should be used under or above the package, consisting of wooden or plastic levels at least 4 cm wider than the width of the package and at least the length of the straps. The support straps may not be attached only to the arms of the forklift or simply to the hook of the crane.



In the case of manual unloading and/or manual transport, to maintain the shape, the self-supporting corrugated sheet shall be lifted from the side and carried on the edge by a sufficient number of people, otherwise they may suffer deformation in the clamping areas, which may affect the assembly.

When handling the profiled sheets individually, avoid lifting them from the edges and causing friction between them. It is forbidden to move the sheets by dragging. Never pull one sheet so that it slides over another. When removing a self-supporting corrugated sheet from the package, it is allowed to pull it out by no more than 1-2 cm, so that the sheet can then be lifted without affecting the edge of the sheet profile underneath.

Always use gloves and protective clothing and take special care with sharp edges and corners.

Do not stand under corrugated sheets that are being moved or handled. Before lifting them, check the fastening and correct positioning of the anchor straps as well as their ability to support the weight of the package.

Avoid manoeuvring the corrugated sheets during periods of strong wind.

### STORAGE

Long - term storage is done in covered, humid - free, well ventilated areas, with flat and slightly sloping surface, to allow water / moisture to drain.

Storage in areas with high humidity or harmful or corrosive environments, directly on the ground or on uneven surfaces is forbidden.

The packages of self-support corrugated sheet s can be temporarily stored outside, covered with a waterproof sheet and properly ventilated to keep them dry and prevent damage to the substrate, but not more than 30 days.

The following should be complied with:

- a) storage not exceeding a maximum of 3 packages placed one on top of the other
- b) stacking shall be carried out on a slight slope (≈5%) to avoid rainwater accumulation on their surface
- c) storage so as to protect them from the elements
- d) moisture (condensation) must be regularly checked and removed.
- e) if the storage period exceeds 15 days, slats must be inserted between the profiled metal sheets.
- f) it is necessary to keep the distance between packages
- g) avoid the accumulation of water on the packages or on the sheets to prevent possible corrosive effects on them.
- h) constant exposure of products in permanent contact with water shall be avoided
- i) it is not allowed to iron or store other objects on the metal sheet packages.
- j) packages stored at height shall be secured to the structure



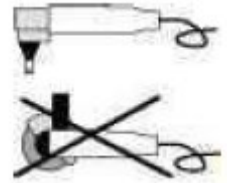
In order to benefit from the warranty, it is necessary to assemble the corrugated metal sheets within 180 days of their manufacture.

## INTERVENTION ON THE PRODUCTS/ CUTTING PRODUCTS

Corrugated self-supporting metal sheets are delivered at the lengths specified in the order / contract.

However, if changes are still required, we recommend using a punching machine, a manual nibbler or possibly board scissors for sheet metal (guillotine) or a fine-toothed saw. For cutting, at least two people are required: one to cut the other to retain and supervise the material. Cutting materials can be performed even after their assembly in final position, on the building skeleton. In this case it must be checked that their fastening is sufficient to prevent vibration of the materials as they are being cut.

It is forbidden to cut self-supporting Corrugated sheets with a flex, grinder or other abrasive devices or devices that cause local overheating of the sheet. Using such products automatically voids the product warranty. For tightening the screws it is recommended to use a tool with a load limiter, this way the screws will be tightened only as much as needed for an optimal fastening. Corrugated sheets will be cleaned immediately of all resulting materials after cutting, using a brush or by means of an air blower to avoid possible damage to the products (scratching, staining, etc.) or even erosion of materials.



## MAINTENANCE

Immediately after completion of assembly, all objects/rest must be removed, namely: pieces of metal sheet, sawdust, shavings or any object (metal or not) on the surface of the metal sheets. Any scratches, cuts or abrasions that may penetrate the surface of the protective coating (paint and/or zinc) must be repaired immediately after detection.

Subsequently, we recommend regular inspection at least once a year before the cold season begins. If, after a careful and thorough inspection, certain problems are observed either on the inside (e.g. seepage, rust stains), immediate action must be taken by repairing any defects in the coating in order to prevent corrosion and/or, depending on the severity, even repairing/replacing the coating system. Please be aware that damaged or missing cover accessories may cause leaks, degradation or risk of corrosion and should be replaced immediately.

As a preventive measure it is recommended to clean deposits and/or impurities and to remove snow from the roof.