

Precautions for use

TRANSPORT

During haulage the packs must be stowed in a dry place away from the damp. Should any damage be seen when unloading, reservations must be made to the haulier at once.

STORAGE

When galvanised or prepainted galvanised steel sheeting is stacked up in a bundle, it is damp sensitive (permanent moisture condensation). Once erected, galvanised steel can be in contact with water.

The products must be sheltered with freely circulating air (a covered warehouse, tarpaulin...). The packages must be inclined from the horizontal to facilitate drying off and be kept off the ground so that they are properly aired, thus avoiding any permanent damage to the plates.

Under no circumstances must the bundles be covered with just a plastic sheet and left outside. In case galvanised or pre-painted galvanised roll-formed elements are made wet by the rain or condensation, they should be immediately propped up and dried separately to avoid any risk of surface oxidation. In this way, any superficial damage to the coating will be avoided. Furthermore, it is necessary to make sure that any waste or stones are removed as they could damage the under sheets in the pack.

For maritime packaging, it will be necessary:

- > to remove the waterproof packaging material in order to air the bundles as soon as they are delivered on-site or within a month of the delivery date at the latest.
- > to protect the products from bad weather conditions and ultraviolet rays.

HANDLING

The profiles have not to be bumped or scratched until the bare steel, because they would be unsuitable to be installed on the building. Take appropriate handling precautions to prevent any deterioration of the products by slings or any other lifting device.

INSTALLATION

The assembly should be correctly performed according to erecting rules (technical standards, trade regulations, standards, technical reports, the manufacturer's instructions...).

It is important that the erection company should receive delivery of the structural frame first, mainly to prevent water stagnating on the roof and any deformation of the cladding, which would be aesthetically displeasing and detrimental to the integrity of the pre-painted coating.

Contractors must take appropriate precautions in order to avoid scratches or marks. This kind of damage would lead to incipient corrosion over time and would be aesthetically displeasing. Some of the Arval products may be delivered with a protective film covering: it is important to remove this protective film as the products are being erected (and at the latest, 3 months after the date of dispatch if the profiles have still not been erected).

On-site cutting and machining

- > When cutting elements on-site during assembly, protect the paint coating (with sheeting) in order to avoid any damage and especially hot metal particles getting incrustated.
- > Remove the burr.
- > Apply clear varnish along the cut edges to prevent them from going rusty.

Drilling to fix

As the products are being erected, carefully clean off drilling swarf with a nylon brush.

Fixing and seam fastening

When fixing and fastening, the installer should stand on the overlapping profile to make sure it interlocks correctly, thus ensuring a perfect overlap.

Condensation regulator back coats - Haircodrop

Remove the two strips of adhesive film from the overlapping corrugation before installing the elements. Take care not to scratch the condensation regulator minimising back coat on the roof purlins.

After unpacking of profiles covering by a condensation regulator, it is recommended to avoid to pile up the elements with protection between them. It could deteriorate the painted side. If the package is not completely used, a rigorous covering will have to be carried out.