Maintenance and recommendations sheet

Metal enclosures

Identification of the product

Pre-lacquered galvanised steel (or stainless steel) sheet, intended for use in roofing and façade cladding, in both industrial and residential construction.

Range of profiles: TZ-16, TZ-30, TZ-32, TZ-40, TZ-47, TZ-56 and TZ-60.

Composition

- **Base material:** galvanised or stainless steel.
- **Organic coating:** pre-lacquered in accordance with the manufacturer's specifications.

The durability of the product depends on the correct choice of coating, taking into account the environment in which it will be used (rural, urban, industrial, marine, agri-food, etc.).

Design phase

Before proceeding with the maintenance instructions, it is important to bear in mind that the product's expected durability can only be guaranteed by selecting the appropriate coating for the sheet metal, depending on the environment in which it is to be installed. The technical data sheets for each type of sheet metal include a table showing the recommended uses for the various coatings.

Storage and handling

- Storage on site must not exceed one month from the date of delivery.
- Stack on a flat, dry and well-ventilated surface, with a maximum angle of 10°.
- Cover with opaque, waterproof tarpaulins if stored outdoors.
- Avoid the build-up of damp, condensation and direct exposure to sunlight.
- Do not store large quantities of stacked sheet metal without ventilation in between the stacks.

Installation

- Fix the sheet metal to steel, concrete or timber structures, using fasteners suitable for the substrate and the environmental conditions to which it will be exposed.
- Avoid contact between incompatible metals that could cause galvanic pairs.
- Metal shavings produced during cutting or drilling must be removed immediately.

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- Remove the protective film (if present) during installation; never leave it exposed after fitting.

- It is recommended that the sheet metal and the supporting structure be earthed to prevent the build-up of static electricity.

Maintenance

Points to bear in mind when using the product:

Inspections

Carry out an annual inspection to check for damage to the coating, corrosion, faulty fixings or accumulated dirt.

Cleaning

- Clean at least once a year using clean water, working from top to bottom.

- Maximum water temperature: 30°C.

- Maximum pressure: 20 bar.

- A neutral soapy solution (up to 10 % household detergent) may be used, and the item should be rinsed with clean water.

- Do not use abrasive products, organic solvents or chlorinated agents.

Mould removal

The pre-lacquered coating is designed to resist the growth of mould, although it may appear in damp environments:

1. Clean the surface beforehand.
2. Apply a specific solution (detergent or authorised product) using a cloth or spray bottle and low pressure.
3. Leave it to work in and rinse off with clean water.

Corrosion treatment on cut edges

In areas where the sheet metal has been cut or drilled:

1. Sand gently until the rust is removed (without damaging the zinc).
2. Clean and dry the surface.
3. Apply an anti-corrosion primer to the affected area.
4. Apply a second coat, spreading it lightly over the original coating.
5. Finish with polyurethane acrylic paint.

If the corrosion is extensive, contact the manufacturer.

Paint touch-ups

For localised damage without corrosion, clean the affected area and apply acrylic polyurethane paint with a fine brush, only to the damaged area.

Please note: slight variations in colour may occur over time.

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General recommendations

- Avoid stepping on the metal sheet without suitable footwear during maintenance.
- Do not carry out any nearby work that could cause dents or scratches.
- Check the condition of the seals between the metal sheets. Re-seal if any abnormalities are observed.
- Excessive cleaning or cleaning with high pressure may damage the coating.

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