

Instructions for use

Thank you for choosing Troax industrial steel based panel system.

Please follow these instructions for use to ensure the correct operation of your new system.

The system shall always be installed according to the Troax assembly instructions, fastened to the concrete floor according to EN 206-1 with classes C20/25 to C50/60, in order to function correctly. During installation and assembly, make sure to use personal protective equipment.

Panels, posts and accessories powder coated in any RAL color are protected against corrosion fulfilling classification C2; internal non-isolated buildings with temporary water condensation e.g. warehouses. As Troax products are not coated inside the tubes, prolonged usage indoors in ventilated areas, i.e. classification C1 are recommended.

Panels, posts and accessories in hot dip galvanized finish are protected against corrosion fulfilling classification C3; premises characterized by high relative humidity of the air and impurities, e.g. breweries.

Panels, posts and accessories in stainless steel finish are protected against corrosion fulfilling classification C4/C5; Industrial atmosphere with considerable humidity and aggressive atmospheres.

Accessories like fixings, hinges and brackets are either zinc electroplated or pre-galvanized steel.

Maintenance

Every third month depending on the environment of the installation:

- Cleaning with a damp cloth, if necessary use a mild detergent.
- For installations that are subject to vibrations, all bolts and fixings in the system shall be retightened.
- Damage to the paint should be covered with paint to prevent corrosion developing.

System for machine guard use

The machine guard system shall be installed according to the Troax assembly instructions and ISO 13857 (Safety of machinery -- Safety distances to prevent hazard zones being reached by upper and lower limbs) and ISO 13855 (Safety of machinery -- Positioning of safeguards with respect to the approach speeds of parts of the human body). The safety distance for Troax safeguarding is calculated according to Table 4 stated in ISO 13857.

The intended use of the system is for vertical safeguarding. The safeguards must only be removed by authorized personnel in a safe procedure.

According to the Machinery Directive 2006/42/EC you are obliged to monitor any damages that might occur to your machine guard and take the appropriate action to replace any part when necessary.

We advise you to check your machine guard from Troax every e.g. 3rd months, including our Safe Lock solutions for safety switches.

The machine guard should be inspected and checked visually but also by pulling the mesh, to make sure no damage has occurred to the wires and fixings. Doors should be inspected by checking the hinges and/or sliding runner. If a panel or post is damaged (for instance by a forklift or vehicle), it must be replaced immediately.

Recycling

Panels, posts and brackets are made of steel and can be recycled as scrap-metal.