

# Operation and maintenance guidelines

2.6.50

## Guidelines for maintenance of VITRAL Roof system Stainless Steel

### **Cleaning:**

#### **Glass surfaces:**

- Clean non-coated glass with normal window cleaner.
- 1 layer panels, do **not** clean coated surfaces with abrasive cloth or cleaning agents.

#### **Metal surfaces:**

- Clean anodised aluminium and brushed stainless steel surfaces with warm water and a soft cloth. If the dirt on the surface is fatty, add a little detergent, for example. After applying detergent, rinse with clean warm water.
- Clean polyester coated and 3M film surfaces with warm water and gentle cleaning agent.
- For stubborn stains or very dirty panels, special instructions are available.
- Do **not** use abrasive tools, cloths, cleaning agents or solvents.

#### **Plastic surfaces (internal drainage strips):**

- Clean with mild soapy water and dry.
- Do **not** use organic solvents.

### **Maintenance:**

#### **As necessary:**

- Wash panes.
- External surfaces. On a well-designed building, rain can clean surfaces quite effectively, but panes should be cleaned thoroughly 1-2 times per year. For example external surfaces could be cleaned at the same time as the panes. In coastal areas, areas with heavy air pollution, and very humid areas, it may be necessary to clean 3-4 times a year in order to maintain good aesthetic appearance.

#### **Every year:**

- Inspect panels for damage and replace panels with cracked glass.
- Test opener. Smoke and fire ventilation equipment must be inspected every year by law.
- Tighten the cross bar on the side frames of the panel and inspect the opening mechanism is fastened to the cross bar and the cill.

#### **Every 5 years:**

- Inspect gaskets and packing.
- Inspect screws and flashing for corrosion, replace corroded parts.
- Inspect the cill, head, ridge, side and panel joints, replace any defective parts.
- Inspect frame profile joint with glass and replace defective panels.