

# Maintenance and cleaning instructions of Daloc doors.

## GENERAL

Doors need a certain amount of maintenance in order to work perfectly for many years. The extent of the maintenance depends on factors such as the opening frequency, load and surrounding environment. Maintenance consists of: **servicing, lubrication and cleaning.**

## SERVICING

Carry out the following checks at least once per year:

1. Open and close the door. It should be easy to close. If it binds on the frame or sill at any point, adjust the frame fixings.
2. Check that there is 2-3 mm clearance between the frame and the door leaf.
3. Check the integrity and adhesion of seals and any intumescent strips. Replace if necessary.
4. Check the attachment of the hinges to the frame and door leaf. Tighten any loose screws. Lubricate as necessary (see below).
5. Check lock function. Lubricate as necessary (see below).
6. Check other door and frame fittings. Obtain the fittings manufacturers' instructions where necessary.

## LUBRICATION

### General

Lubricate with an anhydrous mineral or synthetic grease. Do not use oil except where grease cannot be used. It is important to use a good quality grease, because (the load on the journals) in fixed-pin hinges in particular can be very high.

### Fixed-pin hinges

Lubrication is easiest via the adjustment disc slot (wood doors). Lift the door a few centimetres and apply the grease. Spread the grease over the whole contact surface by lifting and lowering

the door a few times and then opening the door fully. If the hinge has no adjustment disc slot, or it cannot be used, lift the door off completely for lubrication.

Use lubrication nipples, if available. Inject grease into the nipples without lifting off the door. Swing the door open fully so that the grease is distributed across the entire contact surface. Wipe off any excess grease from the hinges.

### Spring hinges (wood doors)

Generally, swing door hinges must be removed for satisfactory lubrication. Lubricate the spring as well, to prevent it squeaking against the inside of its housing.

### Lock

Lubricate when necessary. We recommend at least twice per year. Lubricate latches on both sides.

## CLEANING

### Painted surfaces

The recommended form of maintenance for internal doors is washing with a weak alkaline cleaning agent. In some instances, a light polishing may be necessary for external doors. This applies to full-tone colours, for example green, blue and red, which are exposed to strong sunlight. Pastel colours with a higher titanium pigment content do not normally require the same level of maintenance. "Chalking" can occur on unmaintained door leaves. The surface can be restored to its original colour by first washing with a weak alkaline cleaning agent. Then, when the surface is dry, it can be coated with a synthetic clear varnish.

### Clear lacquered surfaces (wood frames, wood edging strips)

Daloc currently uses two types of clear

lacquer, either a one-component acid-cured lacquer or a water-based lacquer. Both types have excellent durability and appearance. Clean as for painted surfaces.

### **Laminate finishes (wood doors), Plastic-coated steel doors**

Various cleaners can be used with laminate finishes, depending on the type of soiling. Ordinary detergent is normally used, but methylated spirits can be used for more difficult stains.

### **Primed and galvanized surfaces**

Primed and galvanized surfaces should be given a topcoat as soon as possible. Consult the paint manufacturer before painting galvanized surfaces. We recommend class 3 cleaning in accordance with Hus-AMA 98 before painting. Follow the paint manufacturer's recommendations. Consult the paint manufacturer if you wish to use a two-component paint, e.g. epoxy or polyurethane. Obtain instructions from the painting contractor.

### **Stainless steel surfaces**

In order to maintain the stainless steel panel's polish and shine some care is required when cleaning.

- A soft and clean duster/polishing cloth must be used.
- Abrasive cleaning products must not be used!
- Road dust/sand can act as an abrasive when polishing.
- Washing with warm water and detergent or mild soap/dishwashing detergent is recommended.

Wet the duster/polishing cloth thoroughly so that the panel can be freely washed. Carefully wipe off moisture and dirt along the panel's polished pattern. Then wipe off any detergent residue with a well-dampened cloth. Wipe again with a slightly damp cloth and allow the panel to dry.

## **Damaged paint layers**

### **Steel doors**

Painted surfaces that has been damaged, or where corrosion has occurred, shall get painted for improvement as soon as discovered, otherwise the guarantee will be revoked. The damaged area shall, if necessary, be grinded and then cleaned before it is painted.

### **Wooden doors**

Smaller damages shall be painted with a paintbrush while larger damages may require filling and repainting. The damaged area shall if necessary be sanded and then cleaned before it is painted.