



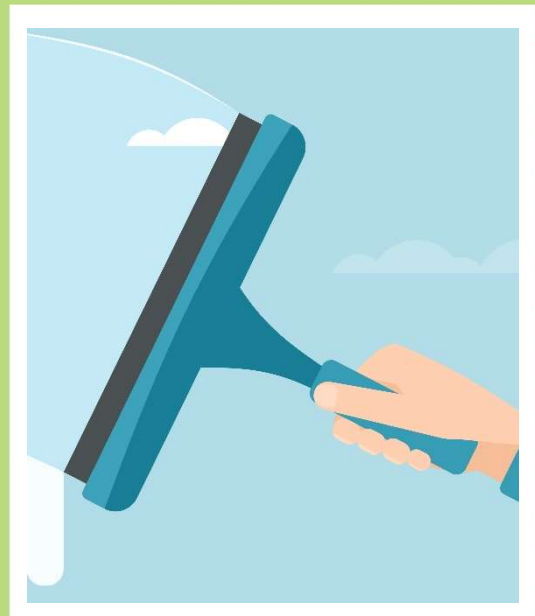
It's inevitable that glass will get dirty, but if it's cleaned properly and at the right time, it will stay nice for a long time. The purpose of the technical manual is to provide information on how to clean glass properly and at the right time.

GLASS CLEANING MANUAL



GLASS CLEANING DURING THE CONSTRUCTION PHASE

When cleaning glass for the first time, labels and caps must be removed as soon as possible. If possible, smudging the glass should be avoided during the construction phase. If glass unavoidably becomes dirty due to concrete or cement dust, plaster, or any other alkaline substance, it needs to be cleaned immediately with lots of clean water. Otherwise, dirt can cause the glass to corrode (the glass becomes dull) and the glass will be permanently damaged. Under no circumstances should dust be removed with a dry cloth.



Regardless of whether the glass has been cleaned during the construction or not, the glass must be cleaned after the completion of the construction work.

GENERAL GLASS CLEANING



01

When washing corroded glass, always wash the entire surface of the glass. Do this even if only one spot is dirty. It is important to keep in mind that vigorous rubbing might cause harm to the surface of corroded glass.

02

When cleaning mirrors, the detergent should be applied to a cloth, not directly to the mirror. After washing, the mirror should be rinsed with clean water and dried with a dry cloth. Be especially careful when drying the edges of the mirror.

03

Coated glass (e.g. with pyrolytic and enamelled coatings) requires special care and attention when cleaning. With those type of glass, damage can occur very easily and be much more noticeable.

Never use a glass scraper to clean the surface of the glass. The use of portable polishing machines to remove surface damage can cause significant abrasion on the glass, which can cause optical distortion. Therefore, the use of polishing machines is not recommended, especially for coated glass.

The environment affects how often glass needs to be cleaned. Glass gets dirty quickly in dusty industrial areas, in areas with heavy traffic, by the sea and in places where the glass is not exposed to rain. Glass should be cleaned at least once every six months.

Glass must be cleaned with plenty of clean water. Rubbing the dirty glass should be avoided. Soft and clean towels must be used for cleaning. Every cleaning tool (such as a rubber scraper) must be clean. Tools for washing the glass and for washing the frame or seals must be different.

The glass can be washed with a pH-neutral detergent or glass cleaner. Detergents containing abrasive particles must not be used. If there are grease or sealant residues on the glass, they must be cleaned with ethyl alcohol or isopropyl alcohol and immediately rinsed with plenty of clean water. Never use substances that are alkaline, contain fluoride or are acidic (e.g. acetic acid solutions) when cleaning the glass. Sharp objects such as knives, putty shovels or other sharp objects should not be used when cleaning the glass. The blade can scratch the surface of the glass and permanently damage it.

If you realise that you are damaging the glass when cleaning, you need to stop immediately and check your tools.

Specified differences in points 01 – 03.

