



Cleaning instructions for externally coated glass



1 Introduction

During construction progress and throughout the entire period of use, professional cleaning of glasses is required.

Coated glasses have a coating applied to the glass surface.

If the coatings are inside an insulated glazing unit, no special precautions are required during cleaning.

However, in the case of coatings on single glazing or coatings on the outside of the insulating glazing (position 1 = outside of the building or position 4 / 6 = inside of the building), it is to be noted that

- excessive mechanical stress can wear off the coating
- the use of aggressive chemicals can attack the surface and cause permanent damage
- the use of sharp-edged objects or abrasive cleaning agents can lead to irreparable damage

Therefore the following instructions for cleaning must be carefully observed.

2 Products

The cleaning instructions in this customer information refer to

- ORNILUX® mikado one oHT,
- ORNILUX® supermikado oHT,
- arcon decodesign oHT in the facade or for interior applications
- ORNILUX® design
- sunlite grey

3 Prevention during construction progress

Generally, any aggressive soiling must be avoided during construction progress.

When sealing (polysulfide, silicone, PU), the (coated) glass surface must not be smeared. Any residues must be removed immediately.

Before and during installation, care must be taken to ensure that the coated glass surfaces are not mechanically damaged.

In particular, concrete and cement sludges are highly alkaline and lead to corrosion and consequently damage to the (coated) glass surface. Any residues or splashes must be removed immediately with plenty of water.

Dusty and granular deposits must be removed professionally, but never dry.

Metallic welding or grinding residues must not reach the glass surface.

By covering the (coated) glass surface with a tarpaulin or film, impurities or soiling can be avoided or minimized.

The application of labels on the coated side should be avoided. Any residues must be carefully removed.

4 Cleaning during the use

The frequency of cleaning depends to a large extent on the environmental conditions and local peculiarities.

Glass should be cleaned regularly so that cleaning with plenty of clear water using the following detergents is sufficient.

5 Cleaning agents

arcon recommends pH-neutral glass cleaners or the use of a mixture of isopropanol and demineralized water. Of all chemical cleaning agents, alkaline cleaners, acids, fluoride-containing agents and abrasive suspensions must not be used.

Generally, clean soft cleaning cloths, cotton cloths, leather or non-abrasive cleaning sponges should be used. The use of microfibre cloths is not recommended.

The use of sharp-edged objects or coarse aids (such as razor blades, steel wool, scouring sponges, spatulas) must be avoided.

Dirt residues should be removed from the inside outwards using plenty of water and low pressure.

6 Additional information

BF-Bulletin 012 / 2012 „*Cleaning of glass*“, published by Bundesverband Flachglas e.V., Troisdorf