



Cleaning and maintaining instructions for DEKO Aluminum MIRROR™

DEKO Aluminum MIRROR™ is a special coated, decorative interior surface, suitable for planar and formable applications. The material is highly sensitive surface and therefore the facade elements have to be cleaned with highest attention and accuracy.

Due to materials' highly sensitiveness, it is very important to follow the cleaning and the maintenance instructions below to maintain the quality of the material. The instructions shall be taken into action immediately after installation.

Initial cleaning

The cleaning should ideally be processed on balmy, cloudy days.

WHAT TO DO!
Use a neutral cleaning product and a fibre-free, soft cotton cloth. The cotton cloth has to be changed regularly.
Residues can be removed using a mixture of alcohol and water (1:1) e.g. methylated spirits with fibre-free, soft cotton cloth.
For rinsing, use clean water.
Regularly water rinsing in areas with high salt spray concentration.

WHAT <u>NOT</u> TO DO!
Use scrubbers, brushers or abrasive cloths.
Use white spirit.

Regular cleaning

Through a proper and professional regular cleaning, not only the aesthetic and representative appearance of the lacquered surfaces are assured, but they also retain their value appearance as dirt and aggressive deposits are removed.

The cleaning interval depends on the location, the prevailing environmental conditions and the contamination level. An annual cleaning is recommended.

The cleaning process shall be conducted from top to bottom, manually or with appropriate cleaning devices. Non-abrasive, soft cleaning wipes shall be used.

The detergent should be tested on an inconspicuous part of the object which is to be cleaned, to check the effect on the appearance of the surface. Do not clean sun-heated surfaces ($\geq 40^{\circ}\text{C}$): Spotting may occur through fast surface drying!

The optimal surface temperature during the cleaning process of facade elements is $< 25^{\circ}\text{C}$.



Moderate cleaning

From an ecological point of view cleaning should be first conducted with warm water.

Inspection of the facade

It is recommended to inspect the facade once a year. Where industrial residues and soils caused by building operations are expected, it is essential to clean the facade element (Review local defects e.g. scratches which might cause earlier corrosion).

Cleaning is particularly necessary in areas with low rainfall or in industrial areas. Foggy coastal areas with cycles of condensation and drying may lead to an increased corrosion of the product through atmospheric salts and dirt.

In protected areas of the facade, contaminated parts cannot be cleaned sufficiently by rainwater. An sufficient rinsing after the cleaning process is very important.

Optical control after cleaning

Due to the high reflective surface of the DEKO Aluminum MIRROR™, the cleansing effect can be checked through visual perception. If cleaning is done efficiently, a previously perceptible “grey film” can no longer be seen.

Summary of general cleaning advice

- Excessive rubbing and powerful solvents can lead to defects to the facade
- The usage of abrasive detergents must be avoided
- The cleaning process should be conducted at moderate temperature, extremes in temperature should be avoided
- Cleaning devices have to be dirt-free