

SMARTGLASS, AR GLASS HANDLING AND PRECAUTIONS INSTRUCTIONS



SMARTGLASS, AR GLASS SURFACE SHOULD BE HANDLED WITH THE SAME CARE AS ORDINARY GLASS.

Special precautions should be taken to protect the surface from sharp objects, abrasive and adhesive surfaces.

Care should be taken before and during installation to ensure that the AR surface of the glass does not suffer mechanical damage of any kind.

Extreme care should be taken during transportation, unloading, storage and installation.

Supporters, separators, lifters and other tools should be clean.

Wear clean gloves when handling the glass to avoid finger marks and other damages to the surface. When using silicone always protect the glass surface.

During transport and prior to installation, the Smartglass, AR glass must be stored in a dry place at a constant temperature and the delivery packaging shall not be exposed to water at any time.

Water in combination with the chemicals in most paper and cardboard can cause discoloration and corrosion of the Smartglass, AR glass.

In application and use, care must be taken to keep the glass free from oil, grease and alike, which may reduce the transmittance.

One recommends regular washing as an important factor to keep high light transmission values (e.g. removal of salts and other greasy substances residues from the Smartglass, AR surface).

Alcohols might be included in a cleaner. It is not recommended to use pure alcohols as ethanol, isopropanol or denatured alcohol. If necessary only as a water solution with a dilution factor 1:4.

The Smartglass, AR glass must under no circumstances be cleaned with hydrofluoric acid (HF), which would permanently destroy its surface.

Harsh cleaning materials such as scouring powder, steel wool and cloth with coarse metal threads in the weave should not be used, nor should scrapers or other sharp instruments.

Cleaning of installed Smartglass, AR glass can be done with clean water and soft brush or mild soap solution followed by clean water. Do not use car wash soap containing wax, polish or the alike.

Do not use under any circumstances high-pressure cleaning equipment as it can destroy the AR surface mechanically. High pressure water cleaning from a short distance can cause local damage of the surface.

One has to put all efforts not to use improper cleaners. In case of any doubts if a cleaner is recommended, please contact to DAGLASS. Evaluation of the cleaner will be done free of charge, based on sample delivered to the DAGLASS laboratory.

It is recommended to clean the glass with available in a market glass cleaners like ReduClean. Other chemicals as sodium hypochlorite (of 5% max. concentration), citric acid (of 5% max. concentration) and oxalic acid (of 10% max. concentration) of separate usage are recommended.