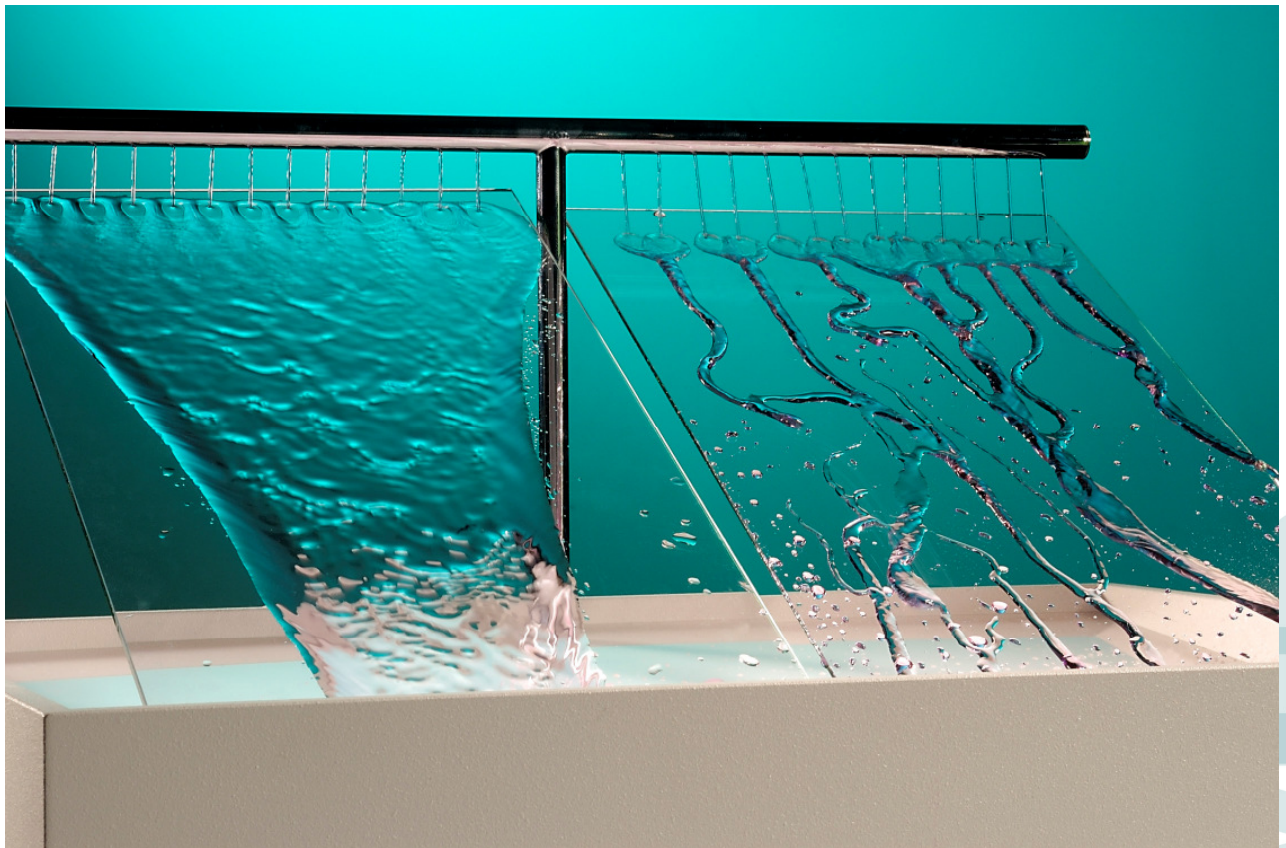


EuropClean (Easy To Clean)

the unique EuropTec "wipe and clean"-system on
glass



What is EuropClean?

EuropClean forms a very tightly adhesive coating, reducing fingerprints, protecting the glass surface from corrosion, repelling water and creating a pearl off surface against all aqueous solutions. EuropClean treated glass makes it easy to wipe off all kinds of dirt with water and towels only.

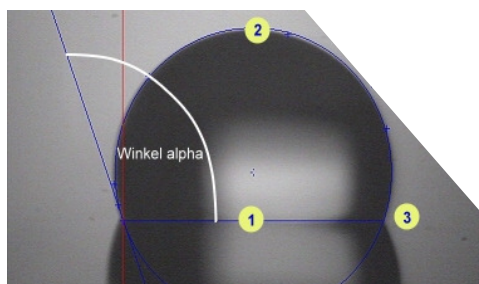
Application on:

- ordinary float glass
- etched glass
- antireflective coated glass
- antistatic coated glass
- tempered glass

EuropClean doesn't influence the AR- properties and other optical properties of display glasses at all.

EuropClean is UV resistant and temperature resistant up to 200°C.

The coating with EuropClean will be done during the production of the glass part. It cannot be adapted to glass in use.



contact angle = 112 degrees

Standards met by EuropClean

- Critical surface tension: 12mN/m
- Adhesive tape peeling strength: 0.93N; peeling strength when 18mm-wide cellophane tape is peeled at the time of 50mm/sec.
- Protection against fingerprints: good
- Removability of fingerprints: very good
- Icing force: 344kPA; shear peeling strength of ice at -80°C
- Heat resistance: 79°; contact angle of water after having been left for 6 days in the air at 200°C
- Normal contact angle of water: 112 degree
- Weather resistance: 110°; contact angle of water 161 hours of treatment with UV tester
- Chemical resistance acid 106° contact angle; alkali: <40°; contact angle of water after having been in 1% H₂SO₄ for 6 days or 1% NaOH for 1day

Advice

Never let dirt or stains remain on the glass. Normally it is sufficient to use water and sponge or cloth to clean the glass. If it's needed you may use detergent e.g. Windex, Glass Plus, Flux, ZEP40 or any other usual window cleaning detergent. Do not put any kind of stickers on EuropClean coated glass, because you risk to damage the coating when removing the sticker

Products NOT to use with EuropClean

Do not use acetone or trichloriumethylene, strong alkalis, acids, detergents with fluoride as they will destroy the coating. Do not use detergents with mechanical devices (sand etc.) nor other mechanical millinery. Do not use blades; steel blades may hurt the surface and cause scratches.

Bonding/gluing

EuropClean affects the bonding surface of the glass preventing aqueous solutions to stick on the glass – thus it may also affect glue or double side tapes. Please test before bonding anything on the EuropClean coated surface.

