

## Interference optical coated glass

(ANTIREFLECTIVE "INVISIBLE" GLASS")

### Cleaning advice

#### Cleaning recommended materials and products

**Materials:** - *Soft cotton cloth, window leather*

**Products:** - *Aqueous solution, neutral and weakly alkaline window cleaner without additives of abrasive substances*  
- *Part of ammonia < 5 Vol / %*  
- *Soluble organic solvents < 5 Vol / %*

The above list is indicative and not complete. Other cleaning materials and detergents are subject to evaluation and permission.

#### Products NOT to be absolutely used

**Materials:** - *Abrasive steel/wool, sponge with abrasives, blades cloths, hard cloths or paper tissue*

**Products:** - *Alkaline lyes (durd soap, textile detergents, ...)*  
- *Lyes (Toilet cleaner, ...)*  
- *Acids (Hydrochloric acid, vinegar, lemon, ...)*  
- *Decalcification agents (citric acid, ...)*  
- *Degreasing agents (Acetone, methylene chloride, trichloroethylene, petrol )*  
- *Strong ammonia detergents (Toilet cleaner, ...)*  
- *Hypochloride detergents (Chavel water, Domestos, ...)*  
- *Solvents (Ethylic alcohol, Isopropyl alcohol, acetone, ... )*

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(ANTIREFLECTIVE "INVISIBLE" GLASS")

### Technical advice

Antireflective coated glass reduces glare and reflection almost 100% which allows the user to show pictures, or even a view in a way that was never achievable before.

The coating is made with metalloxides that are sputtered onto float glass or other substrates.

Even though it is a **hard** coating care should be taken while handling the glass in the processing of the product.

**Coating is applied so that glare is virtually invisible when viewed at 90 degrees.**

**Under special light conditions and angles of view, one can see small differences in the reflection and small iridescent light effects.**

**These effects are inherent with the manufacture and are not subject for a claim.**

### Installation instruction

Before and after installing the glass you have to preserve the coating against mechanical damage (scratch). To prevent breakage by cutting the 2mm glass, you possibly have to begin cutting one centimeter off the edge.

When transporting, putting it in stock and every kind of handling you have to take care about **clean** supports, layers, tools, suction etc.

**Keep the glass in a dry and UV protected environment (closed area).**

**If with protective film, do not expose the glasses with the protective film to sunlight.**

During the installation avoid job site materials from getting on the glass or remove any spilled material immediately, this includes concrete, lime, stucco, etc. When removing materials that are abrasive such as concrete use plenty of water and try not to rub the material as it will scratch the glass. Always use cleaning cloths that are clean and not abrasive.

### Cleaning

Glass should be cleaned on a regular basis. Never let dirt or stains remain on the glass. Normally it's enough when you just use water and sponge or cloth to clean the glass.

If it's needed you can use detergent e.g. Windex, Glass Plus, alcohol etc.

If you have to remove obstinate dirt like grease, you can use solvent e.g. spirit, alcohol, Aceton or trichloroethylen.

But you have to take care about the sealant around the window, do not dissolve it.

**It's better not to put any kind of stickers on the glass, because the coating can be damaged when removing the sticker.**

### Products NOT to be used

Do not use 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.