



PRODUCT INFORMATION

GEWE[®]-mirror spy

Single or double side coated one way mirror glass for architectural, customer electronic and lighting applications

- Elegant, silver color in reflection
- True color transparency in transmission
- Highest coating durability
- Exceptional cleanability

GEWE[®]-mirror spy offers both elegant, silver colored reflection and clear transmission. By the level of light behind the glass you choose what you see. At one moment GEWE[®]-mirror spy is an elegant silver mirror in front of you, in a few seconds it turns into transparent glass opening the view behind it.

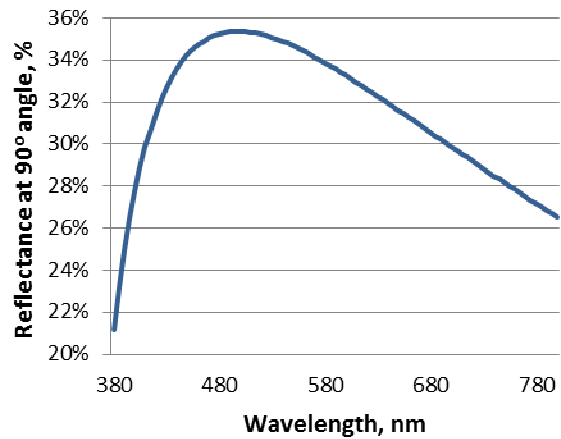
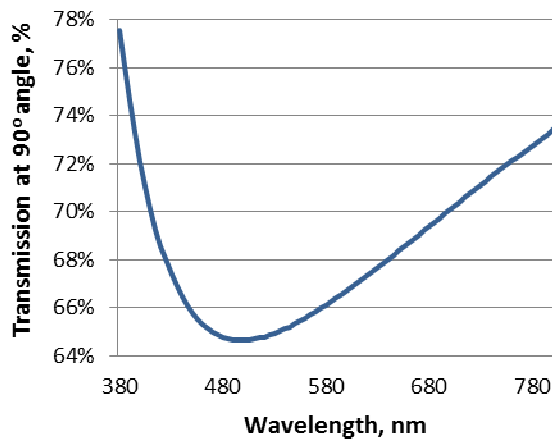
GEWE[®]-mirror spy is ideal for consumer electronics as cover plates for TVs, displays or projection walls; for architecture elements as partition walls, glass shelves, shop windows or design objects; for the lighting industry as lighting fixtures. Create interactive museum displays, dynamic design elements and use GEWE[®]-mirror spy for applications where switch between reflection and transmission matters to attract attention.

Product details

Reflectance	36 % ± 1 % (at 90° angle)
Light transmission	63 % ± 1 % (at 90° angle)
Coating type	“High reflective” metal oxide magnetron-sputtering coating applied on one side or two sides of the glass
Glass sizes	Cut to size, up to 3210 x 2250 mm
Glass thickness	2 to 6 mm. Other glass thicknesses may be available upon request
Substrate	Low iron / extra clear float glass. Other glass types available upon request



Light transmission and reflectance of GEWE[®]-mirror spy



Cleaning

To clean GEWE[®]-mirror spy aqueous solution, neutral and weakly alkaline window cleaner without additives of abrasive substances are recommended. As cleaning materials use cotton cloth, window leather or microfiber cloth.

Avoid harsh cleaning materials such as scouring powder, steel wool and cloth with coarse metal threads in the weave or other sharp instruments; avoid also cleaning agents containing ammoniac, acid, silicone or fluoride, dishwasher and general purpose cleaners.

For more detailed information look at our "Processing Guidelines".

Handling

GEWE[®]-mirror spy physical qualities are similar to uncoated glass. Therefore, handle it with the same care as ordinary glass to avoid breakage or damage. However, special precautions need to be taken to protect the coating:

- Typically, glass stock sheets are delivered with polyethylene sheet interleaving – it is recommended to use the same foil for interleaving between subsequent processing steps.
- If repacking, keep the glass dry and interleaved with polyethylene foil. Do not use paper.



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- When transporting, keep the glass in a vertical position, basing the glass panes on the longer edge.
- When storing, keep the glass panes dry, separated by polyethylene foil so that no moisture can penetrate the packaging.
- Stock sheets shall not be stored horizontally due to risk of sticking them together.
- During storage process care should be taken to avoid major fluctuations in temperature and humidity that may cause condensation on the glass.
- When cutting and processing glass, make sure the working table and instruments are clean and free of splinters. Wear clean gloves which don't leave sweat-, dirt-, grease-residues or similar.
- Glass should be cut dry or with an evaporating cutting oil. Always keep the cutters sharp to reduce incidence of scratches.

For more detailed information please look at our "Processing Guidelines".

GEWE[®]-mirror spy meets the specifications and has been tested to the following standards:

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| • Abrasion | ISO 9211-4 |
| • Adhesion | ISO 9211-4 |
| • Humidity | ISO 9022-2 |
| • Solvent stability | ISO 9211-4 |
| • Temperature | ISO 9022-2 |
| • UV and condensation | EN 1096-2 |
| • Neutral salt spray | EN 1096-2 |
| • Climate cycling | EN 1096-2 |
| • Acid rain test | EN 1096-2 |