

HoloPro™ in foil



- Brilliant projections on every glass surface
- Effortless handling by pasting the foil
- Light and flexible – comfortable transport

Product information

Ever since the invention of HoloPro™, the search for adequate embedding material accompanies the further development of the holographic projection screen. Therefore, Amiran®, the anti-reflective coating made by Schott, was the first high-quality basic material that has been available. This was complemented by Makrolon®, a high-tech-plastic made by Bayer, as well as a cost-saving version made of normal glass. At the same time the lamination in foil was advanced. Especially in this context it was important to maintain the special characteristics of HoloPro™. For this purpose, the brilliant transparency and a perfectly flat positioning is highly important. First appendages in polypropylene were very promising but not yet perfect since scratches on the material as well as convolutions disrupted the impression.

After a long period of development work, a production facility has been successfully created, where the holographic film can be laminated into polypropylene-foil. The foils can be pasted to existent glass panels via crystal-clear double-faced adhesive tape and they can be moved optionally. With the help of clipholders, the foils can be freely installed in the room. By request, they can also be directly laminated to acrylic glass and then be freely suspended in the room vial a nylon cord.

HoloPro™ foil is intended for interior space applications. Permanent high air humidity or permanent moisture on the surface can harm the holographic function.

The surface has to be treated with care since the contact with scrubbing materials can lead to scratches. These do not disturb the quality of the picture, but they interfere with the appearance of the foil itself and decrease the clearance and the transparency.

- Thickness of the foil 0,5 mm
- Size 20" to maximum 84" (1700 mm x 1275 mm)
- Special sizes at short-term and producible on customer demand
- PeakGain: 3,8
- Visibility: $\pm 45^\circ$ horizontal / $\pm 15^\circ$ vertical



Bergisch Gladbach, Februar 2004