

PERSPEX®



CRYLUX®

PERSPEX®XT^{HC}

FOREX®

FOAMALITE®

DISPA®

KAPA®



Image: AI-generated

Sheets for Museum and Exhibition Technology



Image: AI-generated

As one of the leading manufacturers of transparent and non-transparent semi-finished plastic products, we offer a wide range of products with an excellent spectrum of properties.

From the highest optical brilliance and surface finish, through excellent printability, to the highest mechanical strength. Our products are ideally suited to all demanding applications in and around museum and exhibition design.

TRANSPARENT SHEET MATERIALS FOR GLAZING

PERSPEX® & CRYLUX® Cast

PERSPEX® and CRYLUX® Cast are cast acrylic glass with ideal mechanical properties and excellent optical brilliance.

Your benefits

- Outstanding optical transparency and light transmission (~92%)
- Superb surface quality with no open pores
- Scratch resistance comparable to aluminium
- High durability, UV- and weather-resistant
- The material does not yellow
- Low stress due to the casting process
- Good mechanical and thermal machinability for complex shapes
- Meets the requirements for contact with food

Typical applications

Ideal for durable covers, hoods, display glazing and display cases to meet the highest optical standards. The highest level of protection for rare artefacts.

PERSPEX® VA/VE & CRYLUX® UVP

PERSPEX® VA/VE are cast acrylic glazing products that offer all the properties of PERSPEX® Cast, whilst also meeting the requirements for a higher level of protection against UV radiation.

PERSPEX® VA is ideal for framing pictures or art objects that require optimum protection against UV rays whilst also demanding high optical clarity. This ensures that the colours of the exhibit remain authentic or virtually unaltered.

PERSPEX® VE absorbs 99.99% of incident UV light with a wavelength below 400 nm and is therefore particularly suitable for applications requiring special protection against harmful UVA and UVB radiation from sunlight.

CRYLUX® UVP shows higher UV absorption than standard CRYLUX®. CRYLUX® UVP blocks 99% of the radiation at wavelength up to 380 nm. It provides excellent protection for artefacts such as pictures and art objects that are exposed directly to sunlight, preventing colour fading and keeping colours looking fresh for longer.

PERSPEX® Forte & CRYLUX® Beauté

PERSPEX® Forte and CRYLUX® Beauté are cast acrylic glasses that offer all the properties of PERSPEX® Cast but with enhanced chemical resistance.

Additional benefits

- Additional protection against stress corrosion cracking
- Enhanced chemical resistance to many substances

Typical applications

Anywhere where there is a need for more frequent cleaning.

PERSPEX® XT HC

Extruded acrylic glass with a scratch-resistant coating for an extended service life.

Your benefits

- Good optical quality, easy to work with
- Scratch-resistant coating on one or both sides

Typical applications

For all applications, particularly in areas with high footfall.



SHEET MATERIALS FOR MUSEUM SIGNAGE

FOREX® & FOAMALITE®

FOREX® and FOAMALITE® are high-quality rigid expanded PVC foam sheets with excellent surface properties and very good mechanical properties, ideal for durable signage and display elements.

Your benefits

- Lightweight yet sturdy sheet material
- Smooth, silky-matt surfaces for a high-quality finish
- Ideally suited for direct printing, screen printing and lamination
- Good dimensional stability for long-lasting indoor and outdoor applications
- Wide range of thicknesses, sizes and colours available

Typical applications

Ideal for museum signage, information systems, wall graphics, display case signage, exhibition design and high-quality interior and display applications. Thanks to its smooth, silky-matt surface, FOREX® and FOAMALITE® are particularly suitable for precise print images and long-lasting visual communication in the museum sector.

DISPA®

DISPA® are innovative paper boards for high-quality indoor printing and signage applications. Thanks to its unique embossing, DISPA® offers excellent flatness and high stability.

Your benefits

- Made from FSC®-certified paper (FSC® C127595)
- Very good direct printing properties for brilliant print results
- Excellent dimensional stability

Typical applications

Ideal for museum signage, temporary exhibition graphics, information systems and indoor communication in the cultural sector with a focus on sustainability.

KAPA®

KAPA® is a high-quality lightweight panel comprising a polyurethane foam core and a customised paper-faced laminate.

Your benefits

- Use of predominantly FSC®-certified papers (FSC® C127595)
- Excellent printing and laminating properties
- Wide range of variants to suit different design requirements

Typical applications

Ideal for museum signage, exhibition graphics, display panels, passe-partouts, model-making and high-quality interior and display applications. KAPA® is also used for high-quality museum exhibits.



CONCLUSION

Choosing the right material is crucial for functionality and durability. With **PERSPEX®**, **CRYLUX®**, **PERSPEX® VA/VE**, **CRYLUX® UVP**, **PERSPEX® Forte**, **CRYLUX Beauté**, **PERSPEX® XT HC**, **FOREX®**, **FOAMALITE®**, **DISPA®** and **KAPA®**, you will always have the right material for every purpose – whether you need transparent, solid, foamed or opaque products.

We would be happy to offer you personalised advice and support on material selection, thicknesses and processing options. To help you narrow down your choices, we have set out the key material criteria for comparison below.



