

CNCGLASS

Brand: **CNCGLASS**

Company: **CNC Ucolin Interlayer Technology Co., Ltd.**

Address: SHENZHEN, GD, CHINA

Peter Lin | cnc@cncGlass.com | WhatsApp/Mobile +86 15013829504 | WeChat wecan365 | www.cncglass.com

TECHNICAL NOTE

Jade White EVA Interlayer Film — Cool White and Arctic Snow for Laminated Safety Glass

By Peter Lin

CNCGLASS Jade White EVA interlayer film is a translucent white ethylene-vinyl acetate (EVA) family for architectural laminated safety glass. It delivers a distinctive jade-white visual effect while retaining useful daylight transmission and visual privacy. Two grades are offered — Cool White and Arctic Snow — for fabricators, façade consultants, and project specifications. Optical percentages below are as published for these grades; confirm against your own laminated sample and project glass makeup before release.

CNCGLASS · 1. Product Family — Two Grades

The Jade White EVA interlayer family comprises two grades that differ primarily in visible light transmittance (VLT). Both are intended for decorative and privacy laminated glass where a soft white interlayer appearance is preferred over fully clear EVA.

Grade / Item	Visible Level	Role
Cool White EVA Film	82.2%	Higher daylight transmission with privacy retained
Arctic Snow EVA Film	69.8%	More pronounced white / privacy appearance

Visible Level figures **82.2%** (Cool White) and **69.8%** (Arctic Snow) are as published for these grades. Final laminated-glass VL depends on glass type, thickness, number of interlayer plies, and lighting conditions; produce a representative sample when exact appearance or privacy level is critical to the project.



Figure 1. CNCGLASS EVA interlayer film roll on the production / slitting line.

CNCGLASS · 2. Advantages of Jade White EVA Interlayer Film

- **Amazing visual effect** — translucent jade-white interlayer appearance for decorative and privacy laminated glass.
- **UV blocking** — rated **99% UV blocked**. Industry EVA interlayer literature commonly reports $\geq 99\%$ UV blocking for outdoor-capable grades; confirm with your lab report for the specific thickness and glass makeup.
- **Outdoor use / aging resistance** — formulated for outdoor laminated-glass environments with emphasis on aging resistance relative to indoor-only decorative films.
- **Mechanical properties** — great tensile strength; strong adhesive strength to glass, aluminum, PET, and PMMA; impact resistance; high hardness after cross-linking; humidity and heat resistance; good stability after long storage.
- **Positioning** — a distinctive EVA interlayer type that combines higher light transmittance with retained privacy, suitable where frosted or painted glass would otherwise be considered.
- **Laminate performance themes** — combinations of glass with Jade White EVA film can support security, safety, solar control, energy efficiency, strength, decoration, and special make-ups depending on the full glass specification.



Figure 2. Jade White EVA interlayer film family — translucent white architectural interlayer appearance.

CNCGLASS · 3. Typical Applications

Jade White EVA interlayer film is a practical choice for shower doors, curtain walls, room partitions, decorations, privacy separation, overhead canopies, balustrades, glazed areas around gymnasiums, pool fences, special doors, partitions or feature panels, and glass in cyclone-prone areas.

CNCGLASS · 4. Decorative Layers, Open Edges, and Reinforcement

- Suitable for lamination with decorative layers to create varied laminated-glass designs; decorative glass can be combined with imprinted PET film.
- Open edges exposed to weather can be laminated with Jade White EVA film where the fabricator's edge-seal and process window support outdoor exposure.
- Perforated-steel reinforced laminates: glass can also be laminated with perforated steel reinforcement material using this interlayer family when the process is qualified.

CNCGLASS · 5. Mechanical Properties — Comparative Note

Jade White EVA film offers strong tensile and adhesive performance for architectural laminated glass. When a project specification requires comparative mechanical data, use CNCGLASS laboratory results for the specific thickness and glass makeup.



Figure 3. EVA film loading into shipping container for export.

CNCGLASS · 6. Fabricator Notes

Process Jade White EVA under a qualified vacuum-lamination cycle (temperature, vacuum level, and hold time matched to thickness and glass makeup). Clean and dry glass before lay-up. For outdoor or open-edge applications, confirm edge detailing,

sealant compatibility, and accelerated aging results with your quality team. Optical and mechanical values in this note are not a substitute for the CNCGLASS laboratory datasheet when numeric acceptance criteria are required in a purchase order.

CNCGLASS · Closing

Jade White EVA interlayer film — Cool White (82.2% VL) and Arctic Snow (69.8% VL) — gives laminated-glass designers a translucent white interlayer option with privacy, decorative effect, and outdoor-oriented aging resistance. Refer to the CNCGLASS Jade White laboratory datasheet when full test tables are needed for a purchase order or project specification.

CNCGLASS · Contact

Brand: CNCGLASS

Company: CNC Ucolin Interlayer Technology Co., Ltd.

Address: SHENZHEN, GD, CHINA

Contact: Peter Lin

Email: cnc@cncGlass.com

WhatsApp / Mobile: +86 15013829504

WeChat: wecan365

Website: www.cncglass.com

CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA · Peter Lin