

ClearVue Interior Data Sheet

Product Code: CVIPL50

As at 1 December 2020

Applications	Interior mount to building windows and glass doors requiring protection from weathering, abrasion and vandalism, including POP, retail and commercial graphics. Not recommended for use on tinted windows.
Makeup	Calendered monomeric perforated clear PVC with clear pressure-sensitive adhesive and dual layer liner comprising white PET liner laminated to perforated paper layer.
Vinyl Thickness	160 microns +/- 10 microns. Tensile strength in X and Y axes minimum 5Mpa. Elongation at break in X and Y axes minimum 50%. Test method ISO 527.
Release Liner	120gsm double PE coated perforated paper laminated to 36 microns white PET liner.
Adhesive	Clear removable solvent polyacrylate pressure sensitive adhesive. After 24 hours, 4-8N per 25mm. Test method FINAT TM1.
Perforation Size and Pattern	1.5mm, 30% / 70% open/closed areas.
Standard Widths/Lengths	1370mm x 50 on 76mm core
Dimensional Stability	Good. 1mm shrinkage in Y-axis (vertical). No shrinkage laterally (horizontal). Test method FINAT TM14.
Application Temperatures	Recommended: 15°C to 25°C, Min: 10°C Max: 30°C (in shade)
Service Temperatures	-20°C to +65°C
Expected Lifetime Interior	Up to 2 years.
Storage Stability	1 year shelf life when stored at 21°C & 50% relative humidity
Printing	Compatible only with UV cure ink. Testing recommended before production to determine appropriate settings. Allow sufficient curing time between each layer of ink. Do not print inline, instead print CMYK, white and black as separate print runs. 1) Print reverse image (mirror image) on clear vinyl. Do not print on liner. 2) Next, overprint white over the CMYK layer. 3) For optimum One Way Vision effect, overprint black over the white ink layer.
Out Gassing	Not applicable when UV cure ink printed.
Installation	Refer to the <i>Surface Preparation</i> and <i>Installation Instruction Fact Sheets</i> . Apply to clean, dry glass surface. Use mild soap (wax free) and water, dry glass well with 100% IPA. Do NOT use ammonia, Windex® or other solvent-based glass cleaner prior to application. Do not use heat.
Removal	Refer to the <i>Care and Removal Fact Sheet</i> . Remove by peeling from surface.
Warranty and Disclaimer	12 months from date of purchase. Refer to the Warranty Statement.

The information in this data sheet is presented for reference and illustration of general product characteristics only. The information does not constitute a representation or warranty relating to the suitability or fitness for a particular application or otherwise create guarantees of product performance. **In all cases, purchasers should independently determine, prior to use, the suitability of this product for their specific application.**