

ImageVue 20/80 Data Sheet

Product Code: IVUL50

As at 30 May 2023

Applications	Exterior mount for short term applications onto absolute flat glass surfaces such as building windows or glass doors. Film can also be used to reduce the risk of bird strikes on building windows, as it minimises the reflection of clouds on the glass surface.
Makeup	Calendered monomeric flexible perforated black (adhesive side) / white (printable side) gloss PVC with clear pressure-sensitive adhesive and Universal Liner.
Vinyl Thickness & Strength	160 microns +/- 10%, tensile min 5Mpa, Elongation min 50% (DIN EN ISO 527)
Release Liner	Dual layer liner comprising solid double PE coated silicon paper liner attached to double PE coated perforated paper layer. 185 +/- 5 gsm.
Adhesive	Solvent polyacrylate removable transparent adhesive. Minimal residue if removed within a year after installation. Strength: after 24 hours on stainless steel 4-8N/25mm. FINAT TM1
Perforation Pattern and Size	1.5mm, approximately 20% / 80% open/closed areas
Standard Widths/Lengths	1370mm x 50m on 76mm core
Dimensional Stability	Good (maximum 1.0mm shrinkage, 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
Durability	At least 3 years vertical application not printed.
Water and Humidity Resistance	Good. No variation after 48 hours and 23°C exposure to sea water. (DIN 50021)
Storage Stability	12 months shelf life when stored at 21°C & 50% relative humidity
Printing	Refer to the <i>General Instructions Information Sheet</i> . Compatible with screen, eco/solvent, UV cure and latex printing. Print image on white (non-adhesive) side. Testing recommended before production to determine appropriate profile settings. Recommended latex printers: HP Perforated Adhesive Window Vinyl profile.
Out Gassing	3 - 5 days suspended vertically in well ventilated area. Laminate and trim after out gas period.
Matching Overlaminates	PrintLam. Do not use any other film or liquid. Refer to our Laminating One Way Vision Information Sheet. Cold press only using a laminating machine. After laminating, wait 24 hours before applying to window.
Installation	Refer to the <i>Surface Preparation and Installation Instruction Fact Sheets</i> . Apply to clean, dry, tepid temperature glass surface. Use mild liquid soap (wax free) and water, dry glass well with clean lint free cloth and 100% IPA. Do NOT use ammonia, Windex®, Prep-Sol, Prep-Wash, vinegar, methylated spirits 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.

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