

Product Description

Metamark Frost is an opal etch effect vinyl suitable for glass manifestation and privacy screening, replacing traditional acid etching. The smooth, consistent finish provides a striking effect when producing decals, graphics or for architectural use when covering complete areas of glass. The proprietary solvent adhesive system ensures sparkling results without a trace of adhesive visibility, and allows easy wet application.

Features & Benefits

- Intermediate Grade Plotter Vinyl
- Apex® permanent Solvent based adhesive for clean removability.
- Metasure warranty up to 3 years.
- Available with MetaScope® air release.
- Available with a contrast liner.
- Engineered to give long term dimensional stability.

Face Film		Finishes		
Face Film	Matt calendered PVC	Finishes Available	M4-OF	Frost
Gauge	80 micron nominal		M4-OF-C	Frost (Contrast Liner)
Tensile Strength	45N/25mm MD	Durability		
Elongation at break	130% MD nominal	Shelf Life	1 years. (10-20°C and 50% R.H).	
Adhesive		External weathering	3 years in vertical exposure under Northern European conditions.	
Type	Clear solvent-based acrylic	Fire Rating	Class B - BS EN 13501-1:2018	
Adhesion to glass 20 mins	15N/25mm nominal	Chemical Resistance	Resistant to mineral oils, fats and fuels, aliphatic solvents, mild acids, salt and alkali for e.g. diesel oil, gasoline, paraffin, hydraulic oil, antifreeze, soap suds etc.	
Adhesion to glass 24 hour	20N/25mm nominal	Regulations	REACH & RoHS compliant	
Application temperature	+10°C to +50°C			
Service temperature	-30°C to +110°C			
Light Transmission				
Frost	86%			
Release Liner				
Print	Metamark 4 Series in grey print			
Weight	140 gsm nominal			
Type	An advanced specially treated layflat kraft paper with high internal strength and PE coating			

Application

- For computer-cut etched glass effect graphics, and window manifestation.
- Suitable for wet or dry application.
- Apply unstressed, in particular to curves and recesses. It is not suitable for application over rivets or complex recesses.
- Multiple panels should be applied in the same direction.
- Not recommended to be applied between two sheets of glass.
- Not recommended for use on low energy surfaces such as polypropylene.
- The user should determine suitability of substrate.

MetaSure® Warranty

Metamark (UK) Limited warrants to its customers that completed decorative markings which utilise Metamark SignVinyl will remain in good condition without excessive fading or colour degradation for the specified life time of each material when correctly stored and applied in accordance with procedures outlined in the technical literature. If within the specified years of normal use Metamark SignVinyl becomes ineffective for its intended use, then Metamark will provide sufficient material to produce a new replacement marking, and will also, at its own discretion, contribute an allowance towards the costs involved in replacing the graphics. Please Note: The above data is given in good faith to provide an indication of the performance of the product. Purchasers should consider the suitability of each product for its intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.

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