

MetaScape Frost

Etch Glass Effect Film with MetaScape Adhesive System



Product Description

For faster, trouble-free application of glass manifestation, MetaScape Frost offers ease of application by providing air with an exit route from under the graphic. Frosted glass window graphics with a smooth consistent finish can be produced replacing traditional acid etching, whether computer-cut or for total-coverage architectural applications. The product has an 80 micron monomeric calendared frosted film.

Features & Benefits

- Intermediate Grade Plotter Vinyl
- MetaScape Adhesives System allowing ease of application.
- Engineered to give long term dimensional stability.
- Metasure warranty up to 3 years.

Face Film		Finishes		
Face Film	Clear matt calendared PVC	Finishes Available	M4A-OF	Crystal Etch
Gauge	80 micron nominal	Durability		
Adhesive		Shelf Life	1 years. (10-20°C and 50% R.H).	
Type	MetaScape permanent solvent-based acrylic with air channels.	External weathering	3 years in vertical exposure under Northern European conditions.	
Adhesion to glass 20 mins	15N/25mm nominal	Fire Rating	Class B - BS EN 13501-1:2007	
Adhesion to glass 24 hour	20N/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.	
Perceived Tack	Medium	Regulations	REACH & RoHS compliant	
Shear Strength	Medium to High			
Application temperature	+10°C to +50°C			
Service temperature	-30°C to +110°C			
Light Transmission				
Frost	86%			
Release Liner				
Print	'MetaScape' print			
Weight	135 gsm nominal			
Type	Structured layflat kraft paper with PE coating			

Application

- For computer-cut etched glass effect graphics, and window manifestation.
- Suitable for dry application only.
- 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 roll 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.

Metamark (UK) Limited

- Luneside • New Quay Road • Lancaster • LA1 5QP • Tel +44 (0)1524 387140
- Metamark House • Genesis Business Park • Albert Drive • Woking • GU21 5RW • Tel +44 (0)1483 571111

sales@metamark.co.uk
www.metamark.co.uk