

# 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 calendered frosted film.

### Features & Benefits

- Intermediate Grade Plotter Vinyl
- MetaSure warranty up to 3 years.
- Engineered to give long term dimensional stability.
- MetaStream Ready™ – can be recycled in our closed loop recycling scheme.
- MetaScape® Adhesive System allowing ease of application.

Face Film	
Face Film	Clear matt calendered PVC
Gauge	80 micron nominal
Adhesive	
Type	MetaScape® permanent solvent-based acrylic with air channels.
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived Tack	Medium
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

Finishes		
Finishes Available	M4A-OF	Crystal Etch
Durability		
Shelf Life	1 years. (10-20°C and 50% R.H).	
External weathering	3 years in vertical exposure under Northern European conditions.	
Fire Rating	Class B - BS EN 13501-1:2018	
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.	
Regulations	REACH & RoHS compliant	

### 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.



**MetaStream Ready™**  
Film and Liner may be recycled in our closed loop recycling scheme.



### 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](mailto:sales@metamark.co.uk)  
[www.metamark.co.uk](http://www.metamark.co.uk)