

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
- MetaSure warranty up to 3 years.
- Engineered to give long term dimensional stability.
- MetaStream Ready™
- MetaScape® Adhesive System allowing ease of application.

Face Film

Face Film Clear matt calendared 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.



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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