

3M™ Dusted & Frosted Crystal

Cast Etch Glass Effect Films

METAMARK

The Materials Company

Product Description

3M™ Scotchcal™ 210 series Dusted & Frosted Crystal films are durable, dimensionally stable translucent films. They are designed for window graphics and internally illuminated displays. The Dusted Crystal film gives the appearance of etched glass. The Frosted crystal gives the appearance of sand blasted glass. The films have uniform colour in both reflected and transmitted light and have low gloss to eliminate glare.

Typical Applications

- For computer-cut etched glass effect graphics, and window manifestation.
- These films are intended for use on flat clear substrates such as glass or acrylics. The films may be applied to interior or exterior surfaces but are not designed for use where they may be subject to petrochemical spillage.

Application Guidelines

- Suitable for wet application.
- Not suitable for use on Polycarbonate. Application between two sheets of glass is not recommended.
- Refer to www.metamark.co.uk/technical for further advice on application to glass.
- Screen printing of these films is not recommended nor warranted.

Face Film

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|-----------------------|---|
| Thickness: | 50 micron (Dusted) 90 micron (Frosted) |
| Tensile Strength | 0.9kg/cm min. Dusted. 0.6kg/cm Frosted. (23°C) |
| Elongation | 50% at 23°C Dusted. 50% at 23°C Frosted. |
| Dimensional Stability | 0.3mm |

Adhesive

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|-------------------------|---------------------------|
| Adhesive Type | Clear pressure sensitive. |
| Application temperature | 4°C Minimum |
| Service temperature | -29°C to 80°C |
| Adhesion to acrylic | 0.7kg/cm |

Release Liner

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|------------|-----------------|
| Liner Type | Clear synthetic |
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Finishes

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| Finishes Available | DC | 7725-314 Dusted Crystal |
| | FC | 7725-324 Frosted Crystal |

Durability

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|---------------------|--|
| Shelf Life | 2 years when free from excessive moisture and at 38°C or less. |
| Vertical exposure | 7 years |
| Fire rating | Class 0 |
| Chemical resistance | No effect to mild soap, 20% isopropyl alcohol, 80% water, 10% Hydrochloric acid, 10% ammonium hydroxide. |

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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