

# Metamark MD-WF

Digital Window Frost



## Product Description

Metamark MD-WF Frost has been developed to offer opal, semi transparent window graphics. Once applied, the printed areas produce higher visual impact than a print on gloss clear film, while unprinted areas retain the appearance of frosted glass. It offers excellent opportunities for office partitions, retail and leisure applications.

## Material Handling

- Ensure that the material has reached room temperature and a relative humidity of 50% before printing.
- Do not handle the face film directly and ensure it is free from dust and static.

## Printing Guidelines

- Suitable for use on Solvent, Eco Solvent, Latex and U.V. inkjet printers. Always perform a test print first.
- The product may be printed in the correct orientation or reversed, showing the image through the glass.
- Ensure that the correct profiles and heater settings are used. Most profiles are available for download from [www.metamark.co.uk](http://www.metamark.co.uk).
- For print and cut applications it is advisable to allow a border around the print. Cutting flush to the print may cause edge curl.

## Application

- Allow the inks to cure before cutting flush to the print or application, this is usually 24-48 hours
- Ensure the glass is clean from grease and dirt. Do not use silicon based cleaning products.
- The product is best applied wet. Refer to [www.metamark.co.uk](http://www.metamark.co.uk) for application guidelines.
- Take care applying to cold glass as initial adhesion will be reduced. Do not apply to self-cleaning glass.

## Face Film

Face Film:	Clear matt calendered vinyl
Gauge:	80 micron nominal
Tensile Strength	65N/25mm MD / 45N/25mm TD nom.
Elongation at break	180% MD nominal
Shrinkage	Minimal

## Adhesive

Type	Permanent pressure sensitive acrylic
Weight	20gsm nominal
Adhesion to glass 20 mins	15N/25mm nominal
Adhesion to glass 24 hour	20N/25mm nominal
Perceived tack	Medium
Application temperature	+5°C to +60°C
Service temperature	-30°C to +110°C

## Release Liner

Type	Layflat kraft paper with PE coating
Weight	140 gsm nominal

## Finishes

Finishes Available	MD-WF	Window Frost
Light Transmission	85%	

## Roll Presentation

Roll sizes and net weights	760mm x 50m	11kg
	1370mm x 50m	20kg
	1520mm x 50m	22kg
	1600mm x 50m	23kg
Presentation	Face film outwards, on a 76mm core.	

## Durability

Shelf Life	1 year
External weathering	3 years. This refers to the unprinted vinyl. Refer to ink manufacturer for durability of the finished product.
Fire Rating	Class B. BS EN 13501-1:2007
Chemical Resistance	The unprinted film is 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.

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