Frosted Privacy Film - Heavy Frost

FEPYC30A

Frosted Privacy Film - 'Heavy Frost' FEPYC30A, is an embossed polymeric frosted privacy film, with a permanent adhesive and a PET release liner. This two-way privacy film has a visible light transmission (VLT) of 30%, giving a privacy level of 5/5 and 99% UV reduction. This film can be used as a privacy film or custom cut for window graphics. This film is suitable for UV-cure and latex inkjet printing, and should be wet applied to glass or acrylic surfaces.

Face Film	Polymeric PVC
Adhesive	Transparent, permanent, solvent polyacrylate
Liner	Single-sided silicone-coated polyester
Shrinkage	x direction ≦0.1%, y direction ≦0.1% FTM14
Service Temperature	-15°C to 60°C
Shelf Life	2 years under normal conditions at a temperature of 22°C and relative humidity of 50-55%

Print Types

✓ Latex or Resin ✓ UV

Application Recommendations

- This material is suitable for **wet application method only**. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination.
- After installation, there may be a haze appearance on the windows. This condition is temporary and it caused by the moisture that is happens when applying the film. This haze appearance will disappear after the film dries. It may take **up to 30 days** after application.
- **Not to be applied** to fresh paint or ink, polycarbonate, rubber, plastic mouldings and certain PVCs. In case of doubt, please test prior to final application. The film must not touch the rubber window moulding. If two panels meet side by side on a window, carefully trim the film so that the panels meet and form a butt seam. Do not overlap the panels.
- Window film may be washed with common washing solutions, **30 days after installation**. Abrasive type cleaning agents and bristle brushes which would scratch the film must not be used. Synthetic sponges, squeegees, or soft cloths are recommended to be used with the cleaning solution.
- Also, **do not use any other adhesive products on the film**.

Printing Recommendations

Carry out test prints prior to running the final print run, when printing on a Latex printer dry <100°C to avoid leaving impressions in the surface of the vinyl. Please note this product can easily attract dust, take care whilst handling and keep all surfaces clean and dust free.

This document is intended as a source of information, is given without guarantee, and does not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of the product for their specific intended purpose.

100µm
Film Thickness

5/5
30% VLT
Privacy Level
based on 3mm glass

10°C
min
Application temp

3 - 5
years
Durability
on static applications

Peel Adhesion

Printed film on glass, typical value

10N/25mm
20 mins

12N/25mm
24 hours

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Fire rating

BS EN 13501. Certificate(s) can be found at **https://www.contravision.com/privacy-window-film/privacy-window-film-datasheets/**

Solar performance

Based on 3mm glass	No film	Heavy Frosted 30
Visible light transmission	90%	30%
Visible light reflection, exterior	8%	33%
Visible light reflection, interior	8%	33%
UV transmission	40%	15%
Solar energy transmission	83%	43%
Solar energy reflection	8%	28%
Solar energy absorption (total)	9%	33%
Glare reduction	0%	64%
G value	0.86	0.52
Shading coefficient (SC)	1	0.60

Durability

Durability stated is for unprinted and untreated material correctly applied to an inert, vertical substrate subject to MidEuropean weathering conditions. Some printing inks and drying or curing regimes may reduce the expected lifetime of the printed graphic. Please consult your ink manufacturer for guidance. Incorrect application methods, inadequate window cleaning and preparation and incompatible window treatments may reduce the expected lifetime of the applied material whether printed or unprinted, overlaminated or unlaminated. Mechanically sustained damage, chemical damage and UV-degradation to printed, unprinted, laminated or unlaminated material may also reduce expected durability.

Zone 1; 5 years (inside) / 3 years (outside) (Northern Europe, Italy (North of Rome))
Zone 2; 4 years (inside) / 2 years (outside) (Mediterranean area (without North Africa), South Africa, Australia South Region)
Zone 3; 3 years (inside) / 1 years (outside) (Gulf Area, Africa, Australia North Region)

For more information on zones and a map of the regions, please visit **https://www.contravision.com/print-substrates/datasheets/**

Environmental

For further information on the environmental benefits of using Contra Vision products and the efforts we're making to improve the sustainability of our material, you can search for "sustainability" on our website.

Substrate

This product is not recommended for use on the inside of triple glazed windows or glass with coatings such as anti-reflective, selfcleaning and scratch-resistance, which may be damaged during film removal.

Other information

For further information visit the Contra Vision Technical Hub at **https://www.contravision.com/print-substrates/technical-hub**

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