



HDfrost™

4 mil optically clear frost
printed decorative film,
UV cured, scratch resistant, CMYKW



high definition printed frost

Designers can easily apply custom frost effects to glazing thanks to HDFrost, a new high-definition printing technology developed by HDClear. The process, which can replicate just about any image, pattern or gradient, involves printing a combination of white and light grey ink onto optically clear polyester film (PET), eliminating the need for complicated cutting and weeding or traditional plain frosted films.

Product Application: This film should only be installed by an approved HDClear installer. Specific procedures have to be followed.

Warranty: 10 years (conditions apply)

Performance results are subject to variations within industry standards and are only intended for estimating purposes. Performance data is based upon film prior to printing.

key features

- excellent optical clarity
- high definition printed frost using a unique combination on grey and white inks
- Class 0 fire rating on printed film
- provides shatter protection in event of explosion or impact, tested to conform to International Standards*
- removes ultra violet light, reducing fading of fabrics, furnishings and interiors
- 10 year warranty
- custom printing offers a great alternative to off the shelf frost and crystal films

performance data

	H/PS*	L/PS
visible light transmission (VLT)	89%	89%
visible light reflection (VLR)	10%	10%
glare reduction	1%	1%
heat gain reduction	3%	3%
shading coefficient (TSER)	.96	.96
UV reduction (300-380 nm)	98%	90%
total solar energy reduction (TSER)	17%	17%
thickness	4 mil	4mil
tack/adhesive	H/PS	L/PS

properties

	H/PS*	L/PS
peel strength	7lb/inch	4-5lb/inch
tensile strength	28,500 PSI	28,000 PSI
break strength	112lb/inch	112lb/inch

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