HDfrost™

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

HDclear 10 year warranty

MADE IN USA QUALITY GUARANTEED

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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