

Product Name: Performance™ Black on White	Page: 1/2 Revision: 2 (CVS) Date: 01 February 2019 Replaces: A Authors: RAS
Product Reference: BWPRW30D	

Description

Performance™ BWPRW30D is a Black on White perforated self-adhesive vinyl with 30% transparency; and a removable, pressure-sensitive adhesive, featuring a white Replacement Liner. When applied to the inside of a window, this film gives an element of privacy and solar shading from the outside while allowing viewing through from the inside.

This film features a solid paper liner optimised for easy removal, and is not suitable for printing.

The level of privacy given by this film will vary depending on several factors, most notably the level of light on either side of the window. A low level of privacy will be given at night if the inside of a building is lit.

This film gives an approximate 70% reduction in glare and UV radiation and depending on glass type and window framing, a 50-60% reduction in solar heat gain.

The use on tinted glass will compromise the whiteness of the film when viewed from the outside.

Typical Properties	
PROPERTY	VALUE
Face film	Black on Warm White laminated polymeric calendered pvc
Film thickness	180µm ±10 µm (7.1 mil ±0.4 mil)
Hole pattern	30% transparency; 1.50mm (0.06") diameter holes
Adhesive	Transparent solvent polyacrylate 28g/m2 ±3g/m2 (0.99 oz/yard2 (±0.09 oz/yard2)
Liner	Unperforated Replacement Liner. White paper PE and silicone coated on top side only, backprinted with Contra Vision® Performance™ branding.
Liner weight	175g/m2 ±5g/m2 (6.17 oz/yard2 ±0.18 oz/yard2)
Application temperature	Minimum: 4°C (39°F) air and substrate
Peel adhesion 24 hours	4N/25mm (14.4 oz/in). Printed film on glass, typical value
Peel adhesion 1 month	5N/25mm (18 oz/in). Printed film on glass, typical value
Removability	Minimum 12 months clean removability without adhesive residue at 23°C to 25°C (73°F to 77°F) and RH of 50-60%
Durability	3 years Durability stated is for unprinted and untreated material correctly applied to an inert, vertical substrate subject to Mid-European 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. Typical application life is eighteen months. All perforated window films are especially vulnerable to damage along the edges and corners, which may lead to premature failure.
Shrinkage	x direction ≤0.6%, y direction ≤0.6% FTM14
Service temp	-25°C to 65°C (-13°F to 149°F)
Shelf life	3 years Under ordinary condition at temperature of 22°C (72°F) and relative humidity of 50-55%
Other info	

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Regulations

Some countries and regions have laws or regulations requiring minimum light passage that may limit or preclude the use of this product on vehicle windows. The user is responsible for determining and complying with all applicable standards.

Substrate Recommendations

This product is not recommended for use on glass with coatings such as anti-reflective, self-cleaning and scratch-resistance, which may be damaged during film removal.

Application Recommendations

Apply the film using a dry application method. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination. Final clean with soap and water. Rinse and dry glass after cleaning.

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.

This product is not recommended for use around a sharp angle where there is a limited area either side of the angle.

The film must not touch the rubber window moulding. If two graphic 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.

Observe the minimum application temperature, and the graphics should not be washed within 24 hours of application.

Printing Recommendations

N/A

Contact Information

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