

## EMBLEM Water Backlit Film 210

EMBLEM Water Backlit Film 210 is a front print backlit film with a non reflecting surface. Due to the microporous coating EMBLEM WABAF has a short drying time and brilliant colour reproduction with and without backlight – Day & Night. Typical applications are backlight boxes, frames, displays and graphic-art.

Matchcode:	<b>WABAF210</b>
Material:	PET film
Finish:	semi matt
Colour:	translucent - white
Thickness Weight:	210 $\mu$ m
Weight:	275 g/m <sup>2</sup>
Visual density:	0,41
Lamination:	cold and warm
Flame retardant:	no
Standard roll width:	914 / 1067 / 1270 / 1372 / 1524 mm
Standard roll length:	30 m
Core diameter:	76 mm (3")
Durability:	up to 12 month outdoor under condition of Central European climate
Storage:	at 15°C - 25°C, 50% rel. humidity
Shelf life:	12 month in original boxes

### COMPATIBLE INKS:

Dye:	yes	Latex:	yes
Pigment:	yes		

Different printers, inks, resolutions and printing qualities result into numerous different printing parameters. In addition, there are numerous factors influencing processing and the application of our materials. For this reason, we cannot make specific statements as to drying times and maximum ink absorption. For this reason, we recommend you to perform own tests in order to verify the desired results. Our product specifications are not to be understood as legally binding guarantees assuring specific characteristics. Any liabilities and guarantees, as well as claims for compensation beyond the value of the product itself are excluded.

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### Description:

EMBLEM WABAF210 is a high quality non-reflective backlit film for frontlit printing. The microporous inkjet coating ensures short drying times and can be printed with common water-based dye and pigment inks and latex. This enables brilliant colour reproduction with and without backlighting - Day & Night. The one-sided matting on the print side ensures a smooth diffusion of light for optimal colour gradations and neutral reproduction of greyscales. The glossy reverse side protects the print from scratches during finishing and, together with the excellent flatness, ensures high production reliability.

The WABAF210 is a PVC-free backlit due to the environmentally conscious selection of raw materials from German production.

### Processing:

We advise to protect the print against humidity, abrasion, sweat or other mechanical influences with a self-adhesive lamination film. Please wait with lamination until the print is completely dry. Every print produced with dye-based ink has to be laminated principally to protect it against gas-fading. Lamination can influence the flatness of the finished product. Before printing check the correct drying temperature by carrying out a trial print. Drying temperatures which are too high can lead to a deformation of the film. To avoid fingerprints the use of cotton gloves is advised.

### Application:

Typical applications are backlight boxes, frames, displays and graphic-art.