

Technical data sheet for Airplac® PREMIER / VISUAL FoamBoard

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Airplac® PREMIER is a lightweight expanded polystyrene foam-centred board, lined with white coated paper on both sides, suitable for INDOOR applications.

Main uses: Window Displays, Point of Sale applications, indoor hanging signs, exhibition graphics, Photo-mounting, Picture-framing, Modelling, Story-boards, Decors,...

Technical characteristics

Thickness / weight	3.0 ± 0.5mm 445 g/m² ± 10%	5.0 ± 0.5mm 497 g/m² ± 10%	10.0 ± 0.5mm 684 g/m² ± 10%
Core material	White polystyrene foam The foam is colour-stable: does not yellow over time <i>Test report : Standard VDA 75 202-3 A1-3, available on request</i>		
Liners	White coated papers This paper fulfills the following requirements <i>ANSI/NISO Z39.48-1992 "American National Standard for Permanence of Paper for Publications and Documents in Libraries and Archives"</i> <i>DIN/ISO 9706 "Information and documentation; papers for documents and printed material: requirements for ageing resistance".</i>		
PH	7.5 – 9.5 (acid-free)		
Food contact	Paper suitable for direct food contact with dry and not fatty foodstuffs – EC 1935/2004		
Fire classificatio	Not classified		
Dimensional stability : ± 2mm	Squaring : Maxi 4mm / 1 metre	Out-of flatness : Maxi 5mm / 1 metre	



Processing options

Cutting	Cut with a simple cutter or digital flat-bed cutting machines or industrial die-cutting machines		
Printing	Can be screen-printed or used directly on digital printers - Compatible with all current inks - Maximal working temperature 70°C – Maximal spot temperature: 90°C. <i>Airplac® PREMIER is certified by HP for use with HP Latex Inks</i>		
Lamination/mounting	Manual or industrial lamination or mounting - Compatible with dry or humid process (non- solvent glue) - Maximal working temperature 70°C – Maximal spot temperature: 90°C		

Certified for
HP Latex Inks

Environmental aspects

- ✓ None of the components contain any SVHC according to REACH
- ✓ Paper produced on site certified PEFC and FSC
- ✓ *Airplac® PREMIER* is manufactured on a site environmentally friendly
- ✓ Polystyrene core without CFC gases - Compared with polyurethane, polystyrene foam does not produce hydrocyanic acid. Even in small quantities, HCN acid is dangerous for health and environment. Polystyrene foam generates 5 times less carbon monoxide when burned. *Test report 761/07 according to the standard VDA 75 202-3 A1-3, implemented by the Central Laboratory of the prefectural police, available on request.*
- ✓ *Phthalate contents* < 0.01 mg/kg – Results obtain by gas chromatography - Test report available on request

Storage

We recommend to store these panels flat, in a dry place, ideally between 15 -25°C
 Before use, leave for 24 hours in the converting area.