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Foamboards voor visuele communicatie

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Airplac® Premier

TECHNICAL DATA SHEET AP201701/B – 2018/03/29

Airplac® PREMIER is a lightweight expanded polystyrene foam-centered 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, Modeling, Story-boards, Decors …

Technical characteristics

Thickness / weight	3.0 ± 0.5 mm 445 g/m² ± 10%	5.0± 0.5 mm 497 g/m² ± 10%	10.0± 0.5mm *684g/m² ±10%*
Core material	**White polystyrene foam** The foam is colour-stable: does not yellow over time *Test report: Standard VDA 75 202-3 A1-3, available on request*		
Liners	**White coated paper** This paper fulfils the following requirements ANSI/NISO Z39.48-1992 "American National Standard for Permanence of Paper for publications and Documents in Libraries eand Archives"		
PH	7.5 – 9.5 (acid-free)		

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 – Campatible with all current inks – Maximal working temperature 70° C – Maximal spot temperature: 90°C
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

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 certified ISO 14001,
- ✓ 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.*

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.
Non contractual document