



## Airplac® BLACK Plus

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**Airplac® BLACK Plus** is a lightweight expanded polystyrene black EXTRA-RIGID foam-centred board lined with mat black paper on both sides, suitable for INDOOR applications.

*Main uses: Photo-mounting, Picture-framing, Story-boards, Window Displays, Point of sale applications, indoor hanging signs, ...*

### Technical characteristics

<b>Thickness / weight</b>	10.0 ± 0.5mm 775 g/m <sup>2</sup> ± 10%	
<b>Core material</b>	<b>Black rigid polystyrene foam</b> Highly compression-resistant Bulk-tinted solid black	
<b>Liners</b>	<b>Black uncoated paper</b> Mat paper Bulk-tinted solid black	
<b>PH</b>	7.5 – 9.5 (acid-free)	
<b>Dimensional stability</b> : ± 2mm	<b>Squaring</b> : Maxi 4mm / 1 metre	<b>Out-of flatness</b> : Maxi 5mm / 1 metre

### Processing options

<b>Cutting</b>	Cut with a simple cutter, digital flat-bed cutting machines or industrial die-cutting machines.
<b>Lamination/mounting</b>	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 ISO 14001,
- ✓ *Airplac® BLACK plus* 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