

AIR VISUAL

AP X PVC FOAM

TECHNICAL DATA SHEET



DESCRIPTION

The sandwich panel is composed of PVC foam board on both external sides, each with a thickness of 1 mm, providing a lightweight yet durable surface. The internal core is made of XPS (Extruded Polystyrene), offering excellent thermal insulation and classified as Euroclass E for fire reaction. The panel is externally protected by a removable polyethylene film, ensuring surface protection during handling and transport.

APPLICATION

This panel is suitable for printing. It is designed to perform reliably within a surface temperature range of -20°C to +60°C. Typical applications include: digital printing, screen printing, photo mounting, PoS/PoP displays, interior and exterior signage and signs, exhibition stands construction, shopfitting retail design, creative furniture, event marketing, and promotional campaigns.

PROPERTIES

Low weight, rigid, very easy to handle, planarity, easy to cut and trim. suitable for indoor and outdoor applications, weather resistant, humidity resistant, dual sided and flush-mounted protective film, excellent printing results with direct digital printing, available until 2050 mm width, CNC milling.

PANEL COMPOSITION:

First face layer: PVC foam board with 1 mm. thickness. in Euroclass B fire reaction.

Second face layer: PVC foam board with 1 mm. thickness. in Euroclass B fire reaction.

Core: Extruded Polystyrene (XPS) with Euroclasse E fire reaction.

COLOURS AVAILABLE:

| Core | First face layer | Second face layer |
|-------|------------------|-------------------|
| WHITE | WHITE | WHITE |
| WHITE | BLACK | BLACK |
| BLACK | WHITE | WHITE |
| BLACK | BLACK | BLACK |

DIMENSIONS

| | | | |
|-----------------------------|------------------------------|------------------------------|-----------------------------|
| Lenght | 3050 mm | 3050 mm | 3050 mm |
| Width | 1560 mm (Four side trimming) | 2030 mm (Four side trimming) | 2050 mm (Two side trimming) |
| Thickness | 10 mm | 15 mm | 19 mm |
| Boards per pallet | 110 | 70 | 55 |
| Weight | 2 (Kg/m ²) | 2,15(Kg/m ²) | 2,30(Kg/m ²) |
| Thermal Trasmittance | 2,11 (W/m ² k) | 1,62 (W/m ² k) | 1,36 (W/m ² k) |

Other dimensions can be supplied on request.

Storage: cool and dry, protect against sunlight..

The above technical data represent average values. The technical information and application instructions are based on our current knowledge and expertise. However, it is the responsibility of each user to conduct trials with the original substrates in order to evaluate the suitability of our goods for the intended purpose, taking into consideration all application related parameters. If you have any further questions, please contact us.