STRATUS

STRATUS FOAM EXTRAPLAST 5/10MM

Description:

Lightweight sandwich panel with expanded polystyrene foam core.
Coated with laminated PE (polyethylene) laminate paper on both sides.
Valid for direct food contact (EC 1935/2004)

Advantages:

- Extra rigid foam
- Lightweight backing
- Very white and colourfast, non-yellowing
- Easy to cut with cutter or industrial cutters
- Suitable for screen and direct digital printing

ISO 9001 - 2008 Quality Management Systems factory

REACH compliant for protection from dangerous chemicals

Non-toxic on combustion

PEFC Good for sustainable forest management as the Airplac® surface liners come from PEFC certified sources

Environmentally responsable as they can be re-cycled after sorting

Although we recommend Energy recovery for greatest efficiency

Applications:

- Ideal for digital printing and indoor graphic arts applications such as window displays, signage, stand design, street art, mock-ups, point of sale, etc.

CHARACTERISTICS	AVERAGE	MAXIMUM
Thickness / Weight	5.0 + 0.5mm 610 g/m2 + 10%	10.0 + 0.5mm 795 g/m2 + 10%
Core material	White polystyrene foam Colourfast: no yellowing over time Test report: Standard VDA 75 202-3 A1-3, available on request	
Liner	PE plasticised (22 micron) with 200gr laminated paper Surface tension > 39mN/m	
PH	Neutral	
Food contact	Paper suitable for direct contact with foodstuffs (EC 1935/2004)	
Dimensional stability	+/- 2mm	

HANDLING OPTIONS	
Cutting	Easy cutting with a simple cutter or industrial cutters
Print	Suitable for screen printing or direct digital printing / Compatible with all types of inks/ Maximum working temperature 50ºC
Laminating/Assembly	Manual or industrial lamination and assembly / Compatible with dry or wet process / Working temperature maximum 50ºC

Environmental aspects:

- None of its components contain SVHC according to REACH regulations.
- Paper produced on PEFC and FSC-certified paper mills.
- Manufactured according to ISO 14001certificate.
- Polystyrene core free of CFC gases.
- Compared to polyurethane, polystyrene does not produce hydrocyanic acid which is hazardous to health and the environment. Polystyrene.

Generates 5 times less monoxide in combustion.

We recommend storing these panels flat and in a dry place, preferably at a temperature between 15-25ºC.

Before use, we recommend leaving them to rest for 24 hours in the workshop.

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