

TECHNICAL DATA SHEET

SWEDBOARD[®] COMPOSITE

DIMENSIONS AND WEIGHT							
Thickness		mm	5	10	16	20	40
Weight per unit area		kg/m ²	0.7	1.0	1.3	1.4	2.0
Sheet sizes		mm	As per delivery programme				
Sheet width tolerance		mm	-0/+5				
Sheet length tolerance		mm	-0/+5				
Sheet thickness tolerance		mm	+/- 0.5				
CORE							
Expanded Polystyrene (EPS)			White				
SURFACE							
Liner, FSC [®] certified (FSC [®] C147499)			Brilliant white premium carton covered with a PE moisture barrier				
Whiteness	ISO 11475	%	124				
ISO Whiteness	ISO 2470	%	90				

Note: *Technical data of our products are typical ones.
The actually measured values are subject to production variations.
Swedboard International AB does not guarantee the accuracy of the data provided and disclaims liability for damages resulting from its use.*

PRODUCT INFORMATION

SWEDBOARD[®] COMPOSITE

SWEDBOARD[®] Composite is based on a lightweight expanded polystyrene core covered with a premium paper liner which gives the material excellent strength and stability yet with light weight. By 5mm and 10mm thickness the material consists of around 65% paper. The material is developed for demanding POS/POP and instore signage applications and has a nice all-white edge. Widths up to 2.4 metres enables increased productivity, reduced waste and unprecedented design flexibility. The paper liner is FSC[®] certified (FSC[®] C147499). SWEDBOARD[®] Composite has a unique paper liner with a thin moisture barrier that helps to keep the material flat even in extremely dry or humid conditions. Furthermore the liner does not crack in any direction when folded and is optimal for direct digital printing. The material can also be used for short term outdoor applications.

Applications

- Displays (POS/POP)
- Signage | Lettering
- Shop design | Shop window decoration
- Interior design | Furniture
- Partitions | Cladding
- Exhibition design and construction
- Model making
- Short term promotional campaigns

Processing

- Digital printing | Screen printing
- Laminating
- Painting | Spray painting | Lacquering
- Cutting | Plotting
- Water jet cutting
- Gluing
- Drilling | Screwing
- Folding (V-groove)

5 mm:

- Die cutting / Punching
- Folding (creasing)

Behaviour in external conditions:

- The material is not flame-retardant.
- The liner edge is sensitive to moisture (short term outdoor use may work under the right conditions).

Storage – Transport – Handling

- SWEDBOARD[®] Composite boards must be stored flat and protected from moisture and cold.
- Before processing, the paperboards require 24 hours to acclimatise to the processing environment.
- In order to avoid soiling surfaces, clean white cotton gloves should be worn.

Availability

- Please see our delivery programme for details.