

## TECHNICAL DATA SHEET

### SWEDBOARD® COMPOSITE PREMIUM

DIMENSIONS AND WEIGHT							
Thickness		mm	5	10	16	20	40
Weight per unit area		kg/m <sup>2</sup>	0.7	1.0	1.2	1.3	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				
Tolerance in corner curvature from flat		mm	<10				
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:

SWEDBOARD® Composite Premium 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. The material is developed for demanding POP and in-store signage applications and has a nice all-white edge. The unique sealed surface helps keeping the material flat and prevents cracking when bending. Widths up to 2.5 metres enables increased productivity, reduced waste and unprecedented design flexibility. All paper materials are FSC certified (FSC® C147499).

#### Applications:

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



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#### **Processing:**

Digital printing  
Screen printing  
Laminating  
Cutting  
Folding (V-groove)  
**5 mm:**  
Die cut / punch cut  
Crease

#### **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.