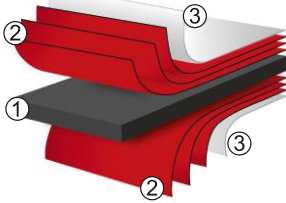


# SWISSCDF DECOR

## Compact density Fibreboard

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Characteristics	SWISSCDF is a high density, black coloured wood fibreboard (>1'000 kg/m <sup>3</sup> ). With the support board and the multilayer structure, SWISSCDF sets new standards in both design-oriented and structural interior design. Stability, scratch resistance, splash water resistance and flame retardancy are among the characteristics of this highly sophisticated natural wood composite.
Application	SWISSCDF is ideal for the construction of furniture and objects subjected to severe surface stresses and high demands in terms of its robustness, such as <ul style="list-style-type: none"><li>- in design-focused interior fittings: high-quality sideboards, wall combinations, open shelves and office and school furniture</li><li>- in spaces with increased humidity (in the case of splash water, with no permanent contact with water and not submerged in static water): as kitchen and bathroom fronts, lockers in sports and spa areas and partition walls in sanitary areas</li><li>- in shopfitting: changing rooms, carcass for high-quality product presentations and design elements</li><li>- for CNC milling/cutting of lettering, logos, ornaments and 3D effects through coloured multilayer structure</li></ul>
Technical class	High-density fibreboard (>1'000 kg/m <sup>3</sup> ) for non-load-bearing purposes in humid conditions (EN 622-5), melamine faced according to EN 14322
Product structure	 <ul style="list-style-type: none"><li>① black coloured compact density fibreboard</li><li>② Multilayer paper (on each side)<ul style="list-style-type: none"><li>1: WB03 Two sheet structure with 0.3 mm</li><li>2: WB05 Four sheet structure with 0.7 mm</li><li>3: WB07 Four sheet structure with 0.7 mm</li></ul></li><li>③ Décor paper</li></ul>
Processing	<ul style="list-style-type: none"><li>- Working and cutting of the material must be performed using hard metal tools. For larger batches and when using modern machine tools, we recommend using diamond tools. The high density must be taken into consideration regarding the processing parameters.</li><li>- In order to provide optimum protection against humidity and apply a finish, the black edges are treated using varnish, wax, oil or other hydrophobizing media.</li><li>- For detailed recommendations regarding adhesives, refer to: <a href="http://www.swisscdf.com">www.swisscdf.com</a></li><li>- Packs should be stored in horizontal position on a flat, supportive and even surface (Ideal Storage conditions are 15-25°C, 45-65% Humidity).</li><li>- Permanent exposure to heat is admissible up to temperatures of 50°C. For short periods of time (1 hour at the most) temperatures of up to 90°C are admissible. Continuous exposure to temperatures of over 50°C may lead to cracks in the surface.</li><li>- The surface can be treated with a damp cloth and a mild, non-abrasive cleaning agent.</li></ul>

## Product range und Technical Data

Product range								
Format (mm)	Design	Thickness (mm)						
Raw board		6.0	8.0	10.0	12.0	12.4	16.0	19.0
2800 x 2070	-	•	•	•	•	•	•	•
5600 x 2070 (5 <sup>M</sup> )	-	•	•	•	•	•	•	•
K101 PE								
U164 PE								
U190 PE	WB03	6.4	8.4	10.4	12.4	13.0*	16.4	19.4
U191 PE								
2800 x 2070		•	•	•	•	-	•	•
Further decors available on request								
ONE WORLD SWISS COLLECTION*	WB03	6.4	8.4	10.4	12.4	13.0	16.4	19.4
2800 X 2070	WB05	-	-	10.8	12.8	13.4	16.8	19.8
	WB07	-	-	11.2	13.2	13.8	17.2	20.2

• ex stock 5<sup>M</sup> min order quantity | \*special productions from 10 boards

## Technical Data SWISSCDF DECOR

Properties	WB03	WB05	WB07	Unit	Standard
Abrasion resistance	3A	3A	3A	Class [1-4]	EN 14323
Scratch resistance	3.5	3.5	3.5	N	EN 14323
Resistance to cracking	5	5	5	Level [1-5]	EN 14323
Impact resistance (big steel ball)	1'000	1'000	1'000	mm	EN 14323
Resistance to water vapour	4	4	4	Level [1-5]	EN 14323
Color matching	4	4	4	Level [2-5]	EN 14323
Resistance to staining	4	4	4	Level [1-5]	EN 14323
Light-fastness (xenon-arc-lamp)	>4	>4	>4	Levels [3]	EN 14323
Thickness swelling	<7	<7	<7	%	EN 13329
Formaldehyde emission	<0.4	<0.4	<0.4	mg/(m <sup>2</sup> h)	EN 717-2
Reaction to fire	C-s2,d0 B-s2,d0 RF2	6.4 - 10.4 mm 12.4-19.4 mm	fire retardant approved applicaitons: freestanding   on metal profiles   directly on A1 / A2-s1		EN 13501-1 VKF (CH)
Tolerances	Thickness +0.5/-0.3 mm   Length, width for 2.80 x 2.07 m ±5.0 mm, pre-cut panels ±2.5 mm   Edge chipping for 2.80 x 2.07 m ≤10 mm, pre-cut panels ≤3 mm Surface defects ≤2 mm <sup>2</sup> /m <sup>2</sup> , Longitudinal defects ≤20 mm/m				EN 14323
Ecology information	Renewable energy > 90 %   Wood fibres 65-75 %   MUF-Resin 20-30 %   SWISS Wood   no post-consumer recycled content   no chlorides, no biocides in the wood   no heavy metals in decors   thermally recyclable				SIA 493.05

## Safety and other information

- Due to the high weight of the product, please take special care during handling (ensure correct lifting; prevent risks of crushing, etc.).
- Saw dust / grinding dust may occur during processing; do not breathe in this fibre dust (use protective equipment and air extraction!)
- In order to prevent dust explosion, wood dust must always be extracted.
- Store unprocessed panels in a flat position in a dry environment.
- This product is not classified as a hazardous good and is thus not subject to statutory labelling requirements (hazardous goods ordinance / ordinance on waste management).
- SWISSCDF is bonded with Melamine-urea-formaldehyde resin (MUF); however, free formaldehyde is hardly present and practically does not escape from correctly processed boards (E1 undercut by factor 9-10).
- The product is chemically stable and is non-toxic, convenient for indoor applications.
- SWISSCDF DECOR is a product obtained from sustainable forestry. The thinning wood used, helps to preserve Swiss forests.
- The product may be recycled after its 1st life cycle or used to generate thermal energy in a suitable plant (CO<sub>2</sub>-free energy).



Swiss Made  
Swiss Quality



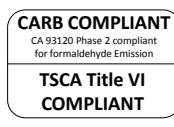
Certified Quality and  
Environmental  
Management



Low CO<sub>2</sub>-  
production



Swiss Wood



Low formaldehyde emissions



Sustainable forest management  
(certificates can be provided upon request)



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