

Processing recommendations and production

Materials to which descriptions apply:

Special products, furniture panels, flooring, building panels and raw boards

The information below uses terms including “panels”, “boards” and “stacks”, but these also refer to items such as our flooring and special products.

GENERAL INFORMATION

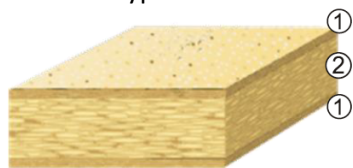
Our products are primarily used in interior construction work, furniture production and kitchen-making.

We offer the following options:

- Core (particle, MDF, HDF, SWISSCDF, SWISSPFB)
- Decors (> 200 furniture decors and > 100 flooring decors)
- Structures (> 15 furniture structures and > 15 flooring structures)
- Cut/format

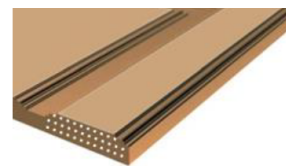
Description of product structure

Raw board types



Particle P2

- ① Top layer
- ② Intermediate layer



MDF/HDF
Homogeneous
non-woven
material, highly
compressed

SPECIAL PRODUCTS

FURNITURE PANELS

P2 BE.YOND particle board

The BE.YOND product line has been developed for applications with stricter indoor climate requirements. The decorative panels in it satisfy the requirements of the MINERGIE-ECO® standard without restriction. P2 BE.YOND particle board may be used without a coating across 50% of room areas. For more information (in German only), see the Lignum product list (Lignum.ch → Holz A-Z → Raumluftqualität → Produktliste Holzwerkstoffe in Innenräumen).

Please note: Melamine-coated panels satisfy the requirements of the MINERGIE-ECO® standard without restriction, provided that the narrow sides are sealed in a way that is impermeable. Otherwise, the specification restricting the use of the panels to 50% of room areas applies.

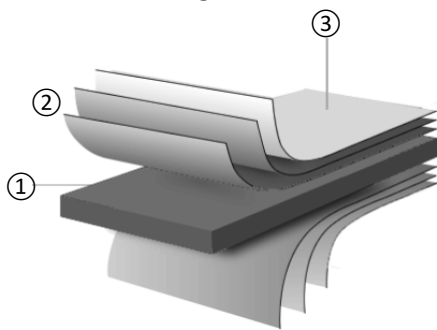
CARB particle board

CARB particle board is chipboard that meets the requirements of CARB Phase 2. The panel has the same structure as chipboard and uses low-emission UF resin as an adhesive. CARB monitoring is conducted through Fraunhofer WKI (TPC-4). CARB chipboard can be used for load-bearing purposes in dry areas (P2) or moist areas (P3).

SWISSWB03 AND SWISSWB05 BE.SAFE

The high-quality surface finish on our particle, MDF, SWISSCDF and SWISSPFB wood materials with a multi-ply construction meets the very highest standards of abrasion resistance plus shock and impact resistance. It is an excellent alternative to our composite boards.

Thanks to the added BE.SAFE technology, the surface also has an antimicrobial property that actively combats viruses, bacteria and fungi. However, the BE.SAFE surface does not completely replace regular surface cleaning.



- ① Choice of core board (particle, MDF, SWISSCDF)
- ② One or two layers of barrier paper
- ③ Decorative paper as top layer

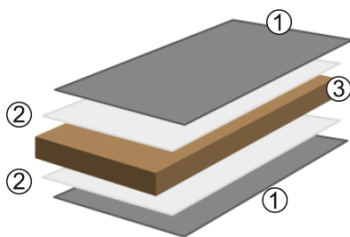
WB05: Three-ply construction with 0.5 mm

WB03: Two-ply construction with 0.3 mm

Overall thickness in mm: 1x core board + 2x WB (0.3 mm/0.5 mm)

Particle P2 composite board

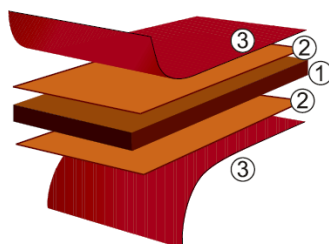
The high-quality surface finish on our particle, MDF, SWISSCDF and SWISSPFB wood materials with laminates meets the very highest standards of abrasion resistance plus shock and impact resistance. These boards are used in kitchens or furniture items that are exposed to high levels of strain.



- ① HPL top layer
- ② PUR adhesive
- ③ Core board

SWISSPFB

SWISSPFB (particle fibreboard) wood material is chipboard that has thin HDF top layers pressed onto both sides. Thanks to its composite structure, it is stronger and more stable than standard chipboard.



- ① Chipboard in core
- ② Fibreboard
- ③ Melamine-impregnated paper (optional)

Its specially developed adhesive establishes a firm bond between the boards (creating excellent bending stiffness).

SWISSCDF

SWISSCDF is compactly compressed, black-coloured fibreboard (> 1000 kg/m³). With its core board and multi-ply construction, it is setting new standards in interior design. For more information about this product, refer to the SWISSCDF information sheet.

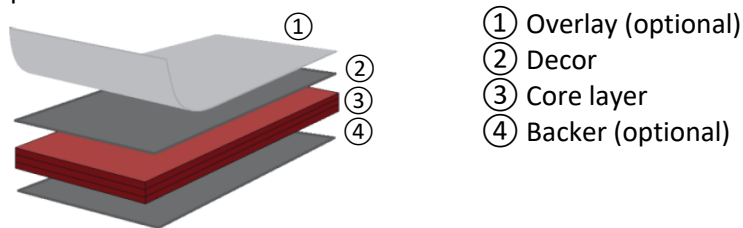
OTHER PRODUCTS

SWISSCLIC PANEL A+

SWISSCLIC PANEL A+ combines modern interior design with room acoustics for a specific solution. It absorbs sound and improves speech intelligibility. SWISSCLIC PANEL A+ is becoming an increasingly popular choice in office and meeting rooms, plus heavily frequented areas. It has an abrasion-resistant surface.

HPL

Decorative composite materials made from paper impregnated with resin, pressed under high pressure. A sturdy, easy-care surface for use in wet and dry areas within furniture construction and interior design applications.



Please observe the recommendations provided by *proHPL* when processing HPL. These can be found on the separate product data sheet under [HPL technical leaflets \(pro-hpl.org\)](https://www.pro-hpl.org).

Laminate flooring

Our laminate flooring is suitable for laying in buildings and is available with a rating of up to AC 5. On the subject of laying laminate flooring, SWISS KRONO AG refers to the guidelines from the European Producers of Laminate Flooring (EPLF) association (see www.eplf.com).

Please note: This document is based on the latest developments in technology and has been compiled with due care. To the best of our knowledge, the information it contains is accurate. However, we cannot assume any liability for mistakes or printing errors. Technical changes made be required as our products develop and amendments are made to standards and legislation.