



## SUPERB FLEXIBILITY WITH **MAGNUMBOARD®** OSB

SWISS KRONO **MAGNUMBOARD®** OSB maximises owners' and architects' freedom to creatively design buildings. It doesn't matter whether they are single-family detached homes or blocks of flats or in a modern block or traditional style with a hipped roof, with plastered or wood-cladded exteriors – virtually anything can be easily implemented.

Modules of the officially approved SWISS KRONO **MAGNUMBOARD®** OSB massive timber construction system can be very flexibly prefabricated. This infinitely expands the palette of possibilities for creating houses with any desired shape or layout.

### **Freedom from Having to Follow a Prescribed Grid**

Licensees use advanced CNC technology to individually prefabricate the system's wall, ceiling and roof modules. Cutouts for windows and doors, electrical conduits, plumbing and heating installations are all made in the plant to considerably speed up on-site assembly and finishing of the modules.

There are no restrictions whatsoever on what can be done while prefabricating the modules. This makes it straightforward to create bespoke buildings that precisely meet the requirements and wishes of their owners.



Complete architectural freedom  
with SWISS KRONO  
**MAGNUMBOARD®** OSB

Photo credits:  
Henri VERMOT et Fils Sàrl  
Balazs Komforthaus GmbH

## Flexible Layouts

The rooms of a building can also be freely placed, sized and configured entirely based on the owner's ideas and wishes. The walls are much thinner than with other construction systems, so there is more space to use. There can be spacious, open rooms or a larger number of smaller ones, depending on the needs and preferences of those who will later use or occupy the building. Every house built with **MAGNUMBOARD®** OSB is unique.



Layouts as wished or required with **MAGNUMBOARD®** OSB

## Flexible Finishing of Exterior Walls

In respect of exterior insulation and design, **SWISS KRONO MAGNUMBOARD®** OSB is also highly versatile: it doesn't matter whether an external thermal insulation composite system (ETICS), blown insulation, mineral wool or wood-fibre insulation is chosen, or plaster or a curtain wall with wood panelling – these and many other possibilities are no problem whatsoever.



Exterior with wood-fibre insulation and boarding



Plenty of design latitude with regard to the building type, layouts and exterior design

Photo credits:  
Balazs Komforthaus GmbH  
Rosengrün  
BEMA



## Contact



**Stefan Gottfried**  
Wood construction engineer

T +49 33962 69 - 751

F +49 33962 69 - 374

[stefan.gottfried@swisskrono.com](mailto:stefan.gottfried@swisskrono.com)

*SWISS KRONO OSB is a versatile product for cost-effective building. And further processing of it into SWISS KRONO **MAGNUMBOARD®** OSB yields a massive timber construction system with a host of benefits. Among other things, it can be directly plastered or painted indoors. This saves time and materials*



**Harald Sauter**  
Master carpenter

T +49 151 115 47616

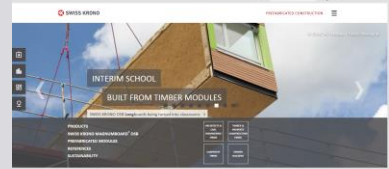
F +49 74 3222 031 - 53

[harald.sauter@swisskrono.com](mailto:harald.sauter@swisskrono.com)

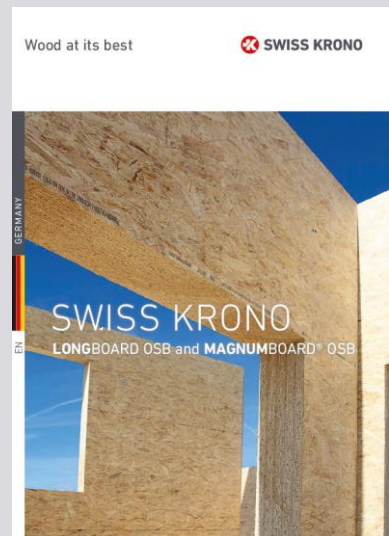
*Building with prefabricated panels and modules gives owner-builders and architects enormous freedom for turning their creative ideas into reality. Building with wood is also eco-friendly, lets people lead healthier, happier lives and, when using prefabricated modules, is also very fast – what more could you ask for?*

## Acknowledgment for **MAGNUMBOARD® OSB** at the materialPREIS2018 Awards

The SWISS KRONO **MAGNUMBOARD®** OSB massive timber system received a special mention in the “Ecology” category. The certificate states that “This high-quality material reflects outstanding competency in materials.”



More information on SWISS KRONO **MAGNUMBOARD® OSB** is available [here](#).



Go [here](#) to download a brochure with complete information on SWISS KRONO **LONGBOARD OSB** and **MAGNUMBOARD® OSB**.



## SWISS KRONO MAGNUMBOARD® OSB

### German technical approval Z 9.1-591

The massive timber construction system consists of multiple joined SWISS KRONO OSB/4 boards. These officially approved OSB products are technically far superior to ordinary EN 300-compliant OSB/4 boards.

### European Technical Approval (ETA-13/0784)

This ETA certifies that SWISS KRONO **MAGNUMBOARD®** OSB complies with the latest version of the EU construction products regulation. These massive timber construction products may be produced and used throughout the European Union without time-consuming red tape to obtain national approvals or special permits in some cases.

### Environmental Product Declaration (EPD)

With this EPD, SWISS KRONO openly and voluntarily discloses the environmental footprints of its OSB products. EPDs are globally acknowledged eco-labels regulated by ISO 14025.

### Indoor Air Certificate from IQUH for MAGNUMBOARD® OSB with KNAUF Rotkalk Coating

In April 2018, the German Institute of Quality Management and Environmental Hygiene (IQUH) carried out a standardised test procedure according to DIN EN ISO 16000 1-6 / VDU 430 Off at the Kulturpavillon in Wald-Michelbach. The certificate it issued states: "Coating the SWISS KRONO **MAGNUMBOARD®** OSB with the Kalkputz system from the firm of KNAUF significantly reduces emissions of volatile organic compounds and improves the quality of indoor air." [More information on direct interior finishing is available here.](#)

All certificates, approvals and technical information can be downloaded [here](#).

