

New Licensees for SWISS KRONO **MAGNUMBOARD**® OSB

January 2016 – At BAU 2017 in Munich, two more companies received certificates that officially authorised them to produce patented SWISS KRONO **MAGNUMBOARD**® OSB elements: Keilhofer GmbH in Bavaria and WOOD & BUILD in Belgium. Uwe Jöst, Managing Director of SWISS KRONO GmbH and SWISS KRONO TEX GmbH & Co. KG, joined Karl A. Wildermuth of the trade periodical *Holz-Zentralblatt* to present the documents to the heads of both firms. SWISS KRONO GmbH relies exclusively on selected licensees to manufacture the wall, ceiling and roof elements of this massive timber construction system.

The New Licensees: Keilhofer and WOOD & BUILD

“We are very pleased to have gained two very capable timber construction firms, namely Keilhofer and WOOD & BUILD, as licensees,” says Uwe Jöst, Managing Director of SWISS KRONO GmbH and SWISS KRONO TEX GmbH & Co. KG. “Now we are excellently positioned in Germany with a total of three licensees, and are especially proud of the fact that our SWISS KRONO **MAGNUMBOARD**® OSB elements will now also be made in Belgium.”

Keilhofer in Bavaria has a long tradition that began with its founding as a carpentry firm back in 1921. Today it is specialised in building high-end turnkey homes. At the core of its portfolio is the construction of bespoke, individually planned dwellings in any desired style: tradition or modern, extravagant or classic. The firm’s approximately 50 employees also assemble timber units for roofs and walls, vertical extensions,

annexes, garden houses, commercial buildings and entire housing complexes. More information is available at www.keilhofer.com (in German).

WOOD & BUILD belongs to the Debeuckelaere Group headquartered in Handzame/Koortemark, Belgium and has specialised in prefabricated timber modules. Among other things, it makes traditional oakwood roof trusses and thermo-treated tropical wood decking for terraces. With the aid of a UNITEAM CNC machining centre, WOOD & BUILD will now create high-precision SWISS KRONO **MAGNUMBOARD**[®] OSB elements up to 18 metres long. For more information, visit www.debeuckelaere.com (in Flemish).

SWISS KRONO OSB/4 Becomes SWISS KRONO **MAGNUMBOARD[®] OSB Elements**

The starting point for SWISS KRONO **MAGNUMBOARD**[®] OSB elements are SWISS KRONO OSB/4 boards, which are produced by SWISS KRONO GmbH in Heiligengrabe, Germany using only completely formaldehyde-free binders. Measuring up to 18 metres long by 2.8 metres wide with a thickness of 25mm, these boards have been approved by the German building authorities and exhibit significantly better technical properties than conventional OSB/4 boards made to comply with EN 300. SWISS KRONO OSB/4 is thus ideal for making SWISS KRONO **MAGNUMBOARD**[®] OSB elements. Licensees stack and glue these OSB/4 boards in between three and ten layers, then cut them to size to make bespoke wall, ceiling or roof sections.

The Timber Construction System Based on SWISS KRONO **MAGNUMBOARD[®] OSB**

SWISS KRONO **MAGNUMBOARD**[®] OSB is a timber construction system with approval from the German building authorities for healthy, eco-friendly massive timber

construction. It unites the advantages of single-skin massive construction with those of tradition timber construction. It lends itself excellently for straightforward, flexible prefabrication of wall, ceiling and roof elements. This gives rise to large-format, extremely dimensionally stable elements with outstanding structural metrics, thermal and acoustic insulation, and flame resistance. Measuring up to 18 x 2.8m, the elements can then be used to erect lastingly windtight buildings with a minimum of joints. The system excels both as a complete construction solution and in combination with other building methods. It delivers all of the benefits of massive wall, ceiling and roof construction, with great potential for streamlining and cost optimisation. Building of taller and subterranean structures with larger units (build classes 4 and 5 in Germany) is also possible.

SWISS KRONO **MAGNUMBOARD**[®] OSB elements are characterised by jointless, sanded OSB surfaces, high density, quick and easy installation, and a very low tendency to shrink or swell. Being highly prefabricated, the elements can be assembled on-site very fast, making it possible to finish construction projects in a minimum of time. Another advantage is that SWISS KRONO **MAGNUMBOARD**[®] OSB can be directly finished on the inside by plastering, painting, tiling or papering without the need to apply plasterboard or the like beforehand.

SWISS KRONO **MAGNUMBOARD**[®] OSB is suited for fast, dry, massive construction of single-family detached homes, blocks of flats and multi-storey buildings, for renovating, extra storeys and annexes, and for erecting halls, childcare centres, schools or refugee quarters.

Images

The following images are available in printready resolution and may be used in publications free of charge **provided that they are credited as indicated.**



From left to right: Harald Sauter (master carpenter, SWISS KRONO GmbH), Herbrand Perneel and Danny Tillemann (WOOD & BUILD), Karl A. Wildermuth (*Holz-Zentralblatt*), Hans Keilhofer and Joseph Keilhofer (Keilhofer GmbH), Uwe Jöst (Managing Director of SWISS KRONO GmbH and SWISS KRONO TEX GmbH & Co. KG) (photograph: SWISS KRONO GmbH)



Rapid assembly of prefabricated elements (photograph: BALAZS Komforthaus GmbH)

About SWISS KRONO GmbH

Established in 2000 as KRONOPLY GmbH, SWISS KRONO GmbH in Heiligengrabe, Germany belongs to the SWISS KRONO GROUP, one of the world's leading producers of engineered wood products. SWISS KRONO GmbH is one of the most successful manufacturers of OSB boards in Europe. Its other core competencies include MDF, HDF and high-quality wood-fibre insulation products. The firm provides customer-focused solutions with innovative eco-friendly products backed by comprehensive support

and advice. It relies on more than 700 staff in Heiligengrabe to manufacture bespoke materials from wood, a natural raw material, in full awareness of its responsibilities to society. www.swisskrono.de

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