



“Innovative and Natural”

The SWISS KRONO GROUP at BAU 2015

January 2015 – At BAU 2015, KRONOPLY, KRONOTEX and KRONOSWISS will present the highlights of their product portfolios at Stand 510 in Hall B5 from the 19th to 24th of January 2015. Their aim is to demonstrate the exciting prospects opened up by high-tech, eco-friendly wood-based materials and advanced designs.

Trade Fair Motto: “Innovative and Natural”

KRONOPLY and KRONOTEX of Germany and KRONOSWISS of Switzerland will share a stand to represent the SWISS KRONO GROUP, one of the world’s leading manufacturers of innovative engineered wood materials. “Our motto, ‘Innovative and Natural’, reflects our commitment to modern wood-based materials and designs,” says Mauro Capozzo, the CEO of KRONOSWISS and CPO of the SWISS KRONO GROUP. “We work continually and highly innovatively to improve our products and make them even eco-friendlier and more versatile.”

Wood, a renewable raw material, is ideal for building houses that meet all of today’s expectations in terms of eco-friendliness, healthy living and modern design. “We’re thrilled by the versatility of wood, a renewable raw material, and its potential for sustainable construction,” says Uwe Jöst, Managing Director of KRONOPLY and KRONOTEX.

The diverse possibilities for using wood-based materials will be illustrated by a three-dimensional model of the KRONOPLY “Feel-Good House”. Before this it



was only possible to view and interact with a virtual Feel-Good House on the KRONOPLY website; now it has become tangible reality. It ideally combines many of the KRONOPLY system modules for ceilings, the roof, and interior and exterior walls to protect against cold, heat, moisture, fire, noise and electrosmog. “The optimally coordinated system modules available from KRONOPLY are perfect for creating highly insulated, architecturally attractive buildings out of wood, a natural product,” says Uwe Jöst.

KRONOPLY OSB SF-B: Flame-Resistant, Conducive to Healthy Living and Environmentally Friendly

Flame-resistant **KRONOPLY OSB SF-B**, which has been approved by the German building authorities, is the ideal wood-based material for loadbearing and stiffening purposes. A certified institute in Germany tested this board and assigned it to reaction to fire Euroclass B-s2, d0 for hardly flammable building materials as defined by EN 13501-1. KRONOPLY OSB SF-B complies both with the European fire safety requirements for public buildings and with the extremely strict German standards, which makes it suitable for use in schools, hospitals and other facilities. Thanks to its integrated fire protection, KRONOPLY OSB SF-B doesn't even catch fire after prolonged exposure to flame. Instead, its surface chars to form a fire-inhibiting layer. And because it doesn't continue smouldering after the flame has been extinguished, it prevents fire from spreading. The flame-resistant board also excels with a low burn rate of just 0.7 mm per minute.

KRONOPLY relies completely on formaldehyde-free binders to manufacture its OSB products. Consequently, these boards only contain the formaldehyde that naturally occurs in wood. Their emissions of 0.01 ppm are therefore far below



the ceiling of 0.1 ppm set by European emission class E1 and even comfortably beat the 0.03 ppm limit on formaldehyde emissions that various timber construction associations (such as BDF, RAL, GHAD etc.) are calling for.

KRONOPLY safe and uni: Professional Insulation Made from Natural Wood Fibre

KRONOPLY safe and **uni** are outstanding for insulating walls and roofs, owing to their high bulk density (85 kg/m³) and optimised lambda values. Both products are water-vapour-permeable and provide excellent protection from heat and noise.

KRONOPLY safe is additionally equipped with lastingly UV-resistant overlapping lamination that withstands up to four months of exposure to the weather. Thanks to preattached squares of double-sided adhesive tape, it conveniently reduces three work steps to just one: insulation, water channelling and gluing. This opens up a host of new possibilities for construction and renovation projects that would otherwise take a long time to complete. **KRONOPLY safe** and **KRONOPLY uni** unfold their full potential when used in combination.

Innovative Insulation Underlays: Effective Attenuation of Impact Sound

KRONOTEX silverline is the first multifunctional yet eco-friendly wood-fibre insulation product. It very effectively attenuates both transmitted impact and reflected walking sound when installed in floors, and that isn't all. It is also excellent suited for insulating roofs and walls, and being made of wood fibre is ecological as well. "This product's properties and functionality make it unique in



today's market," says Uwe Jöst, Managing Director of KRONOTEX and KRONOPLY. "It meets the expectations of architects, planners, users and builder-owners by combining the functions of highly effective insulation, a vapour barrier, an airtight layer and protection from electrosmog, all while benefiting the environment at the same time as a natural wood-fibre product." Its multifunctionality is due to the fact that it is laminated (without using any adhesives) on one side with special aluminium foil. The foil acts as a vapour barrier, thus eliminating the need to install an additional PE membrane under flooring. KRONOTEX silverline is also currently the only environmentally friendly wood-fibre insulation that also very effectively blocks electrosmog. Measurements by the International Association for Electrosmog Research (IGEF) show that KRONOTEX silverline reduces electrosmog by at least 99.999%. KRONOTEX silverline has received the IGEF test seal for this outstanding result. KRONOTEX silverline can also be installed on underfloor heating systems beneath laminate flooring up to 9 mm thick.

KRONOTEX sound is a 5 mm compression-resistant, elastic acoustic insulating board that reliably reduces impact sound in laminate and ready-made parquet and hardwood floors. **KRONOTEX sound plus** is the logical next step in its evolution: this product is only half as thick while its bulk density, at 270 kg/m³, is twice as high. It's a combination that makes this insulation underlay even more compression-proof and versatile. Both products reduce the risk of annoying one's neighbours by greatly decreasing noise propagation to rooms below. KRONOTEX sound plus, despite being only 2.5 mm, yields an improvement in transmitted impact sound of $\Delta L_w=17$ dB.

KRONOTEX greenline is a completely natural product that can be completely composted after use. Featuring a precisely balanced combination of volume



(with a thickness of 1.8 mm) and density (384 kg/m³), KRONOTEX greenline insulates optimally in every respect. It attenuates transmitted impact sound by 22.5 decibels and reflected walking sound by more than 42 percent.

New Laminate Collections: Innovative Surfaces and Sizes Premiere

KRONOSWISS is holding a world premiere: the **Grand Selection MONUMENTAL** is the world's longest laminate plank, measuring 2780 x 244 x 12 mm. The new, large format and the look & feel of the precisely executed nature-identical surfaces make the decors of the Grand Selection MONUMENTAL practically indistinguishable from real wood floors. They naturally also possess all of the advantages of laminate flooring: easy cleaning, durability and nonfading colours. To supplement the well-known Lion look, KRONOSWISS developed two new decors for the Grand Selection MONUMENTAL: Choco and Honey. Like all laminate floors of the SWISS KRONO GROUP, the Grand Selection MONUMENTAL is made using FSC-certified wood.

KRONOTEX is also showcasing its new **“rooms” collections**. There are four of them: penthouse, loft, suite and studio, comprising a total of 24 new decors that pay homage to the natural beauty of wood. The suite collection includes two classic oak grains – one that replicates a limed appearance and another with an untreated look – for which innovative nature-authentic structures were developed that look and feel just like genuine oiled wood. Every collection also includes decors with modern “used” looks, and there are decors produced with the new Allover Wood surface.

All of the decors have AC 5 abrasion resistance. The eight-millimetre-thick decors belong to utilisation class 32, while the laminate floors 10 and 12 mm



thick are made to comply with class 33. Owing to their high eco-friendliness, the rooms collections have been honoured with the Blue Angel ecolabel.

Panorama TOUCH Collection: Precise Nature-Identical Structures

KRONOSWISS is also presenting its Panorama TOUCH Collection of natural-looking decors, structured on both sides to have a look & feel that's virtually indistinguishable from real wood. There are five structures, each of which is available with different wood colours. The collection is rounded out by eight trendy unicolours with a modified VL Supersoft surface, plus the corresponding laminate particleboards and ABS edgings. While developing the new Panorama Touch Collection, KRONOSWISS sought to make their colours compatible. As a result, the wood looks harmonise beautiful with the new Porcelain White and the earth hues Toffee and Truffle, and Turquoise and Jaffaorange are excellent for setting accents.

About the SWISS KRONO GROUP

The SWISS KRONO GROUP grew out of a firm which was established in Menznau, Switzerland in 1966. Today it is one of the world's leading producers of engineered wood products with more than 4,500 employees. Its owners and staff are acutely aware of their triple responsibility – namely to succeed in business, deliver top quality and reduce environmental burdens – and committed long-term to efficiently producing modern, eco-friendly products made from wood, a renewable raw material. KRONO Holding AG, which spearheads the Group, has its head office in Lucerne, Switzerland. www.krono.com

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