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UNAVITA®
A WOOD FOR LIFE

Creating the future with Accoya®



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UNAVITA[®]

MANUFACTURED FROM ACCOYA[®]

ABSOLUTELY UNIQUE

Accoya[®] is modified wood. It is extremely durable and weather resistant, a wood material of natural beauty that offers convincing environmental benefits, which have been honoured with awards.

The worldwide leading high-performance wood, which is the result of decades of research and development, combines the well-tried modification process of acetylation with innovative proprietary technology. It was conceived for exterior applications of highest demands, ranging from windows and doors to facade cladding and flooring and including landscape applications such as bridges, benches and many others.

Accoya[®] means responsibility

Therefore, all Accoya[®] wood products originate from FSC-certified sustainably managed forests. Moreover, the product carries the “cradle-to-cradle” gold mark, which is a guaranty for continuous metabolic cycles and positively defined materials. Healthy for humans and the environment.



Tried and tested in practice

Accoya[®] is a very well-tried product that has been tested under many aspects all over the world. Many tests have been conducted under real application conditions over periods of many years.

You can find comprehensive reports and results in the download section at accoya.com



UNAVITA[®]

FACADES

The new world of facades

Contemporary architecture is distinguished for the use of natural and sustainable materials. Facades made of wood, whether constructive or as a design element, stand for tradition and environmental awareness, as well as for zeitgeist and modernity. For this application, a wood is in demand that proves its resistance even under the toughest environmental conditions.

Accoya[®] is our response to this challenge

A wood from sustainably managed forests that is as durable and stable as no other and requires the least amount of maintenance.





*Excellent
dimensional stability*



*Highest durability
(class 1)*



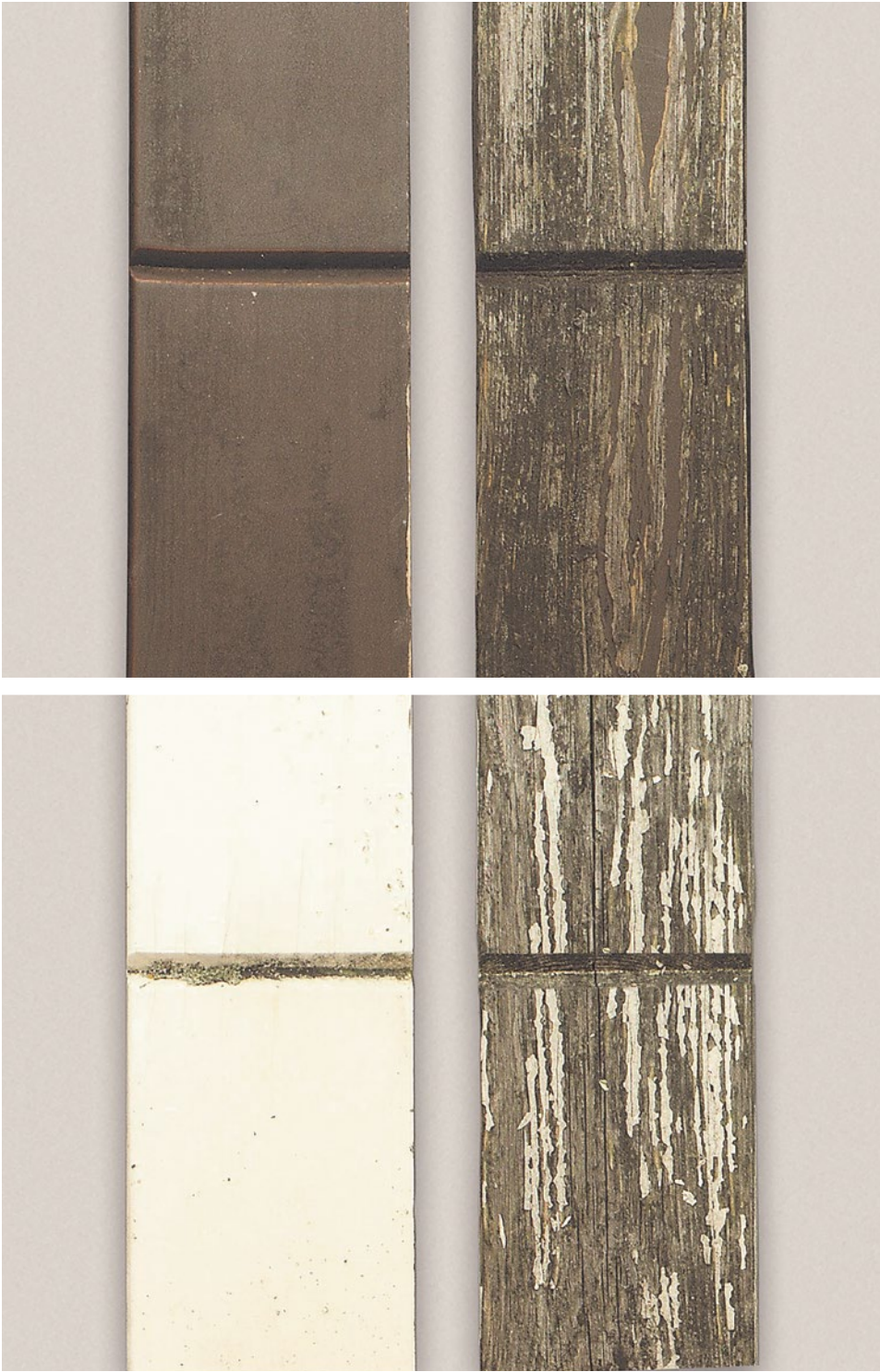
*Ideal for
surface finishing*

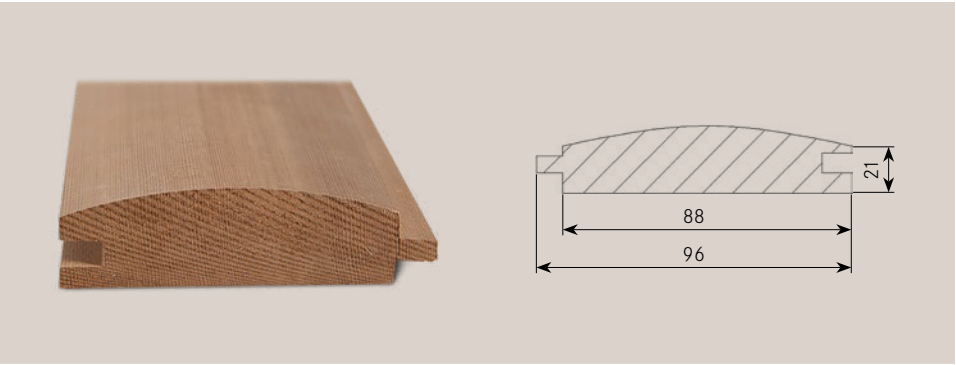
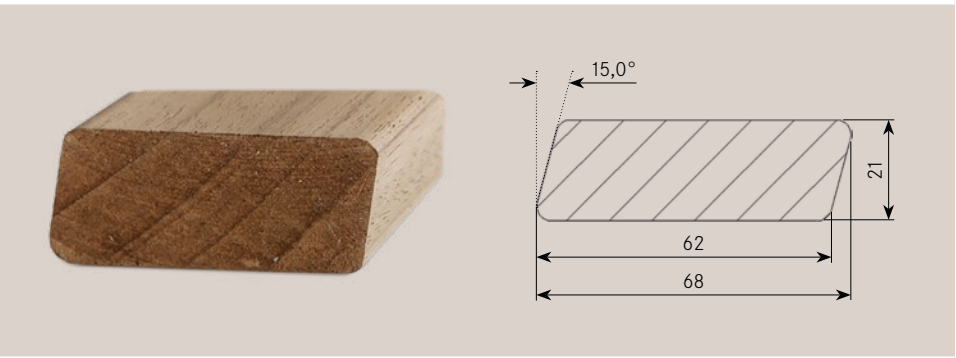
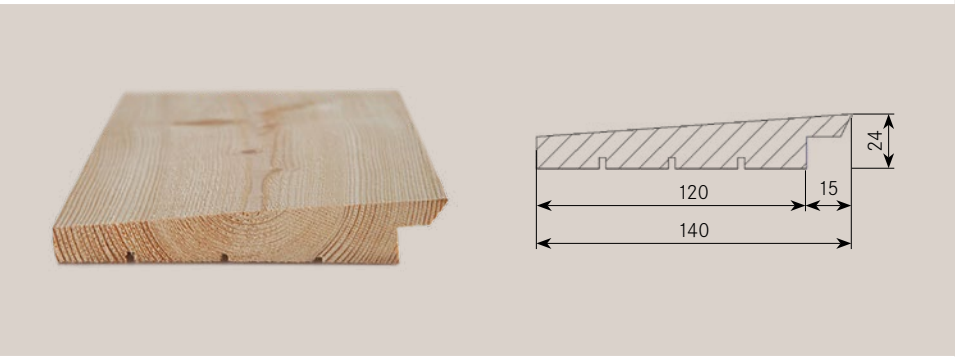
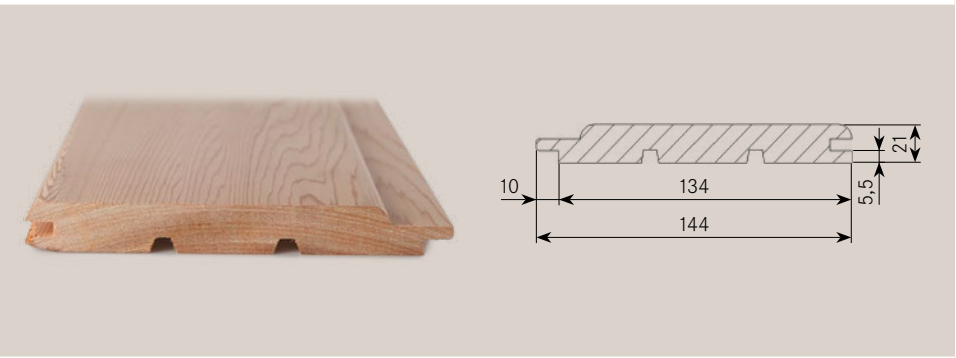
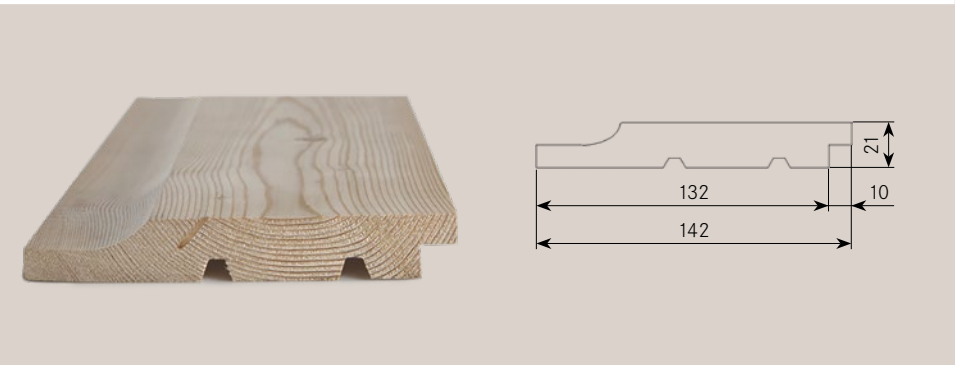




Tried and tested

Accoya® wood has been tested over long periods under most diverse weather conditions - above ground, below ground and even in the water. It has proven its durability and resistance under the most severe environmental conditions with impressive results.



Our facade profiles at a glance	Log house	
	Rhombus	
	Slanted profile	
	Softline	
	Clapboard	

Additional dimensions (lengths up to 4.80 m) and custom profiles are available on request.

TIGA

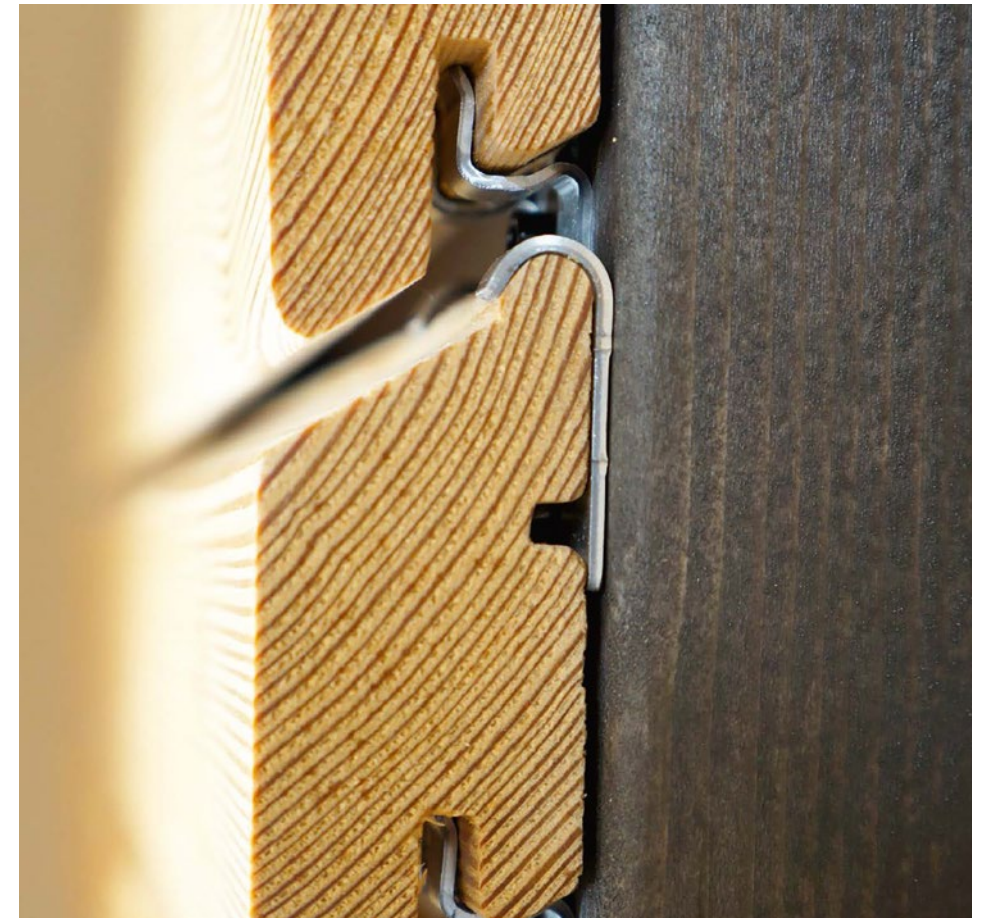
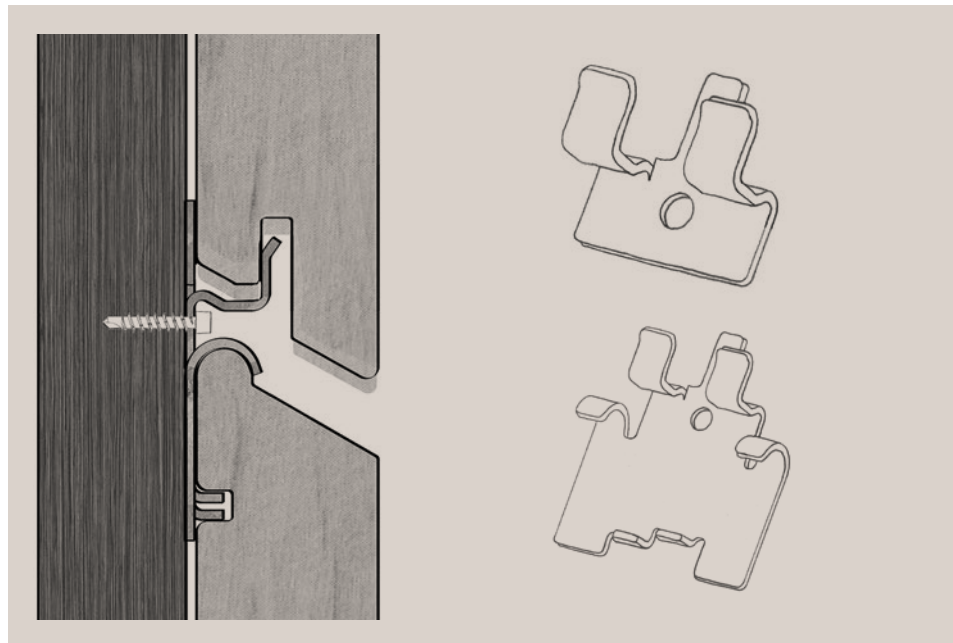
Cladding fasteners

The patented cladding fastener TIGA provides for easy, quick and safe mounting.

Thanks to concealed snap fasteners that engage from behind, the cladding can withstand weathering effects and protect the structure optimally.

The receiving and positioning device allows an easy placement of the boards and ensures automatically the correct joint width.

The fastener system is distinguished by the combination of fixed-point and sliding-point mounting: Natural swelling and shrinkage is optimally controlled and compensated.





UNAVITA®

TERRACE FLOOR BOARDS

The new generation

The innovative and long-lasting terrace floor boards are made of Accoya®, a worldwide leading wood product of highest performance. Durability, weathering resistance and aesthetics are important criteria when selecting a terrace flooring. Features such as naturalness, sustainability and proven environmental benefits become increasingly decisive in this connection. Accoya® offers all these benefits and provides the perfect wood for exterior applications.

Creating the future with Accoya®

UNAVITA® is available in the following standard dimensions:

21 x 142 mm
21 x 192 mm

25 x 142 mm
25 x 192 mm

Additional dimensions are available on request.





SUPRO H

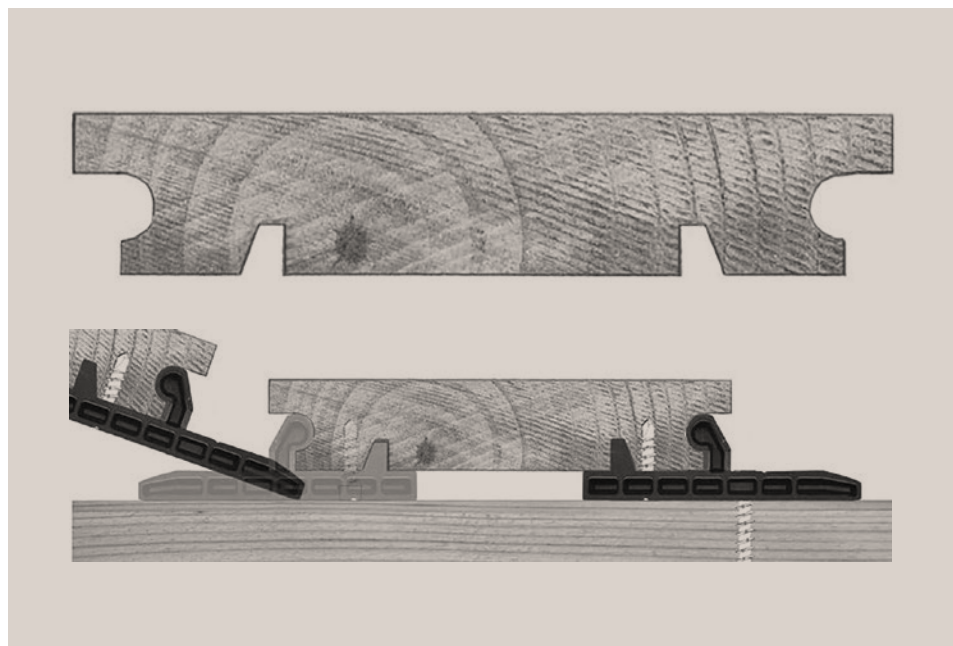
Floor board fastener

The patented floor board fastener SUPRO H provides for easy, quick and safe mounting.

The snap connection allows a quick positioning of the fasteners on the floor board. The positioning screw at the rear provides of additional stability and secures the boards in the longitudinal direction.

The fastener system is distinguished by its combination of fixed-point and sliding-point mounting: Natural swelling and shrinkage is optimally controlled and compensated. The freely selectable joint width, which can be matched to the floor board width and the properties of the flooring, additionally contributes to the perfect look of your terrace flooring. The concealed fasteners for the first and last floor board are integrated as a standard. The substructure can be made of wood, wood-like materials or aluminium.

The special profile of the terrace floor board and the constructive protection integrated perfectly with the system provides for a long-lasting terrace flooring.





UNAVITA®

WINDOW WOOD

The wood window of the future

The excellent characteristics of Accoya®, which is to 100 % a naturally modified wood, prove their worth also in window construction. The unique combination of durability, dimensional stability, surface quality and ecologic sustainability sets new standards for this application. The extraordinary heat transmission values and the excellent thermal insulation properties provide for long-term energy saving in addition. Comparative tests with Accoya® and other unmodified wood species confirm again and again that stain and varnish finishes have an enormously long durability and thus significantly reduce the maintenance of Accoya® windows.

Accoya® is the tested window wood

The German Quality Association for Windows and Front Doors (Gütegemeinschaft Fenster und Haustüren e.V.) has tested Accoya® for all its properties at the most renowned institutes under the leadership of the institute of material testing ift Rosenheim. The result is the authorization of this material for window construction and the incorporation in the wood species list of VFF HO.06 Part 4 "Wood species for windows construction": "Modified Wood."



Produktqualität

Lamellierte und keilgezinkte Profile für Holzfenster QM309

Reg.- Nr.: 591 7516540



UNAVITA[®]

WINDOW SCANTLINGS

LAMINATED SCANTLINGS

Accoya[®] top layer of at least 22 mm thickness; random structure (mainly flat grains); the timber may show strong colour variations (grey/black streaks etc.) as typical for Accoya[®]; Accsys recommends stainless steel for all parts, such as screws, ironmongery etc., which can get in contact with the Accoya[®] timber; PU laminated; not additionally planed after the lamination process (some glue may be seen on the edges of scantlings!)

*Available with all layers in Accoya[®] or combined with Pine or Spruce.
Also with PEFC[™]-certificate available!*

Structure options
C/FJ/C, C/C/C, C/FJ/FJ, C/C/FJ

72 x 88 / 105 / 115 / 145 mm (3-ply)
84 x 88 / 105 / 115 / 145 mm (3-ply)
94 x 88 / 105 / 115 / 145 mm (4-ply)

C = continuous ply, FJ = finger-jointed ply

Additional dimensions are available on request.





*Resistant against
insect attack*



Simple machining



Natural insulation

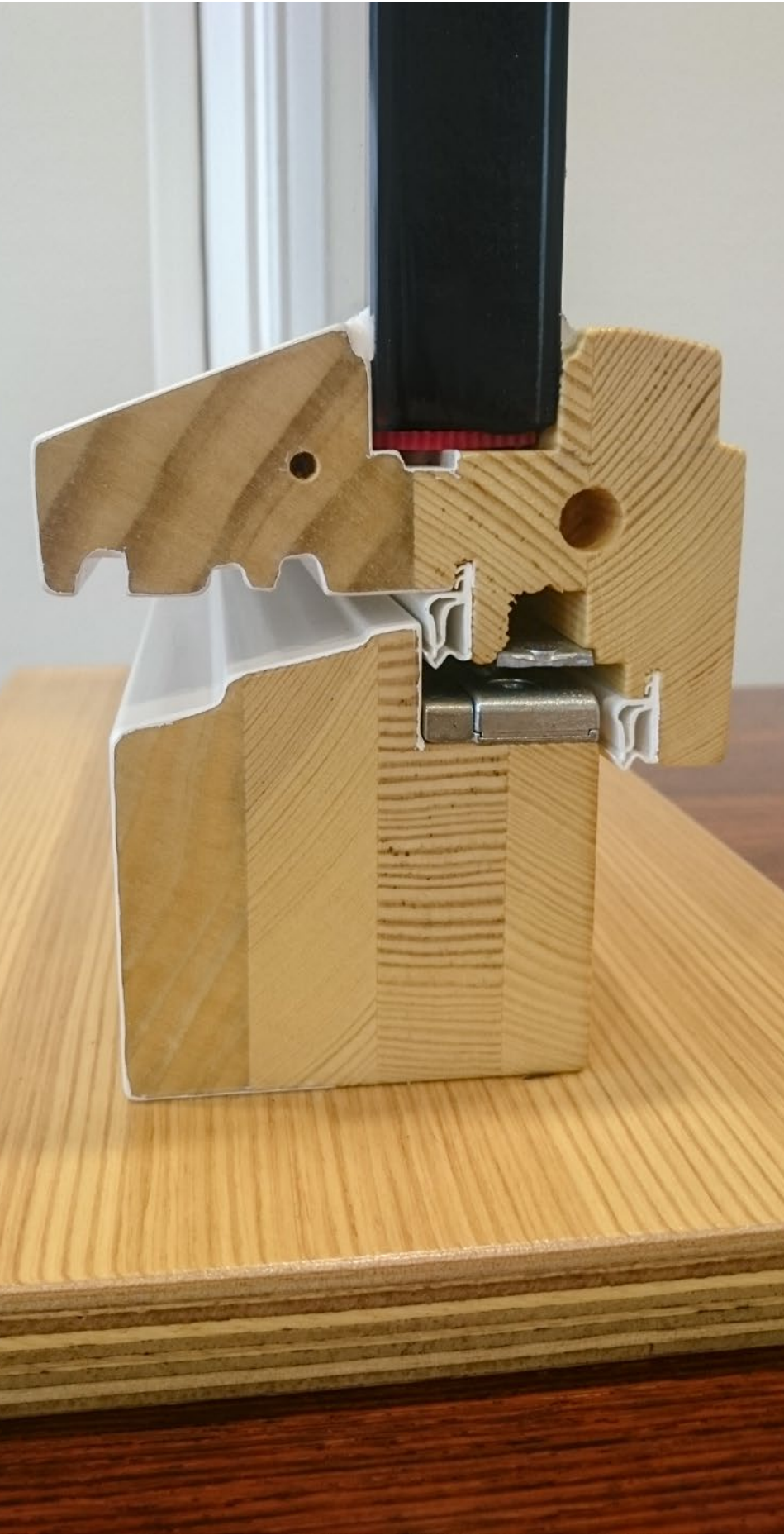


HISTORICLINE

Especially developed for historical windows, based on the preservation requirements for historical buildings

Rain drip bars without glue joint, made of a single solid piece of Accoya®. They perfectly protect the critical part of the window against weathering and ensure best possible resistance, shape stability and colour durability.

	<i>Accoya®: continuous, at least 56 mm thick</i>
	<i>Pine/Spruce, finger-jointed</i>
	<i>Pine/Spruce, K70 cm+</i>



*Meridiana Sunbed
manufactured from Accoya®*



UNAVITA® PUBLIC SECTOR

***Accoya® wood is
sustainable and reliable***

Federal and regional authorities have a very special responsibility in the realization of public building projects of all kinds. The requirements for ecological sustainability, durability and low maintenance are very high. The outstanding performance combined with convincing environmental benefits makes Accoya® wood an ideal partner for the planning and development of public areas.

Creating the future with Accoya®



Highest durability (class 1)



Beautiful natural wood



*From sustainably
managed forests*





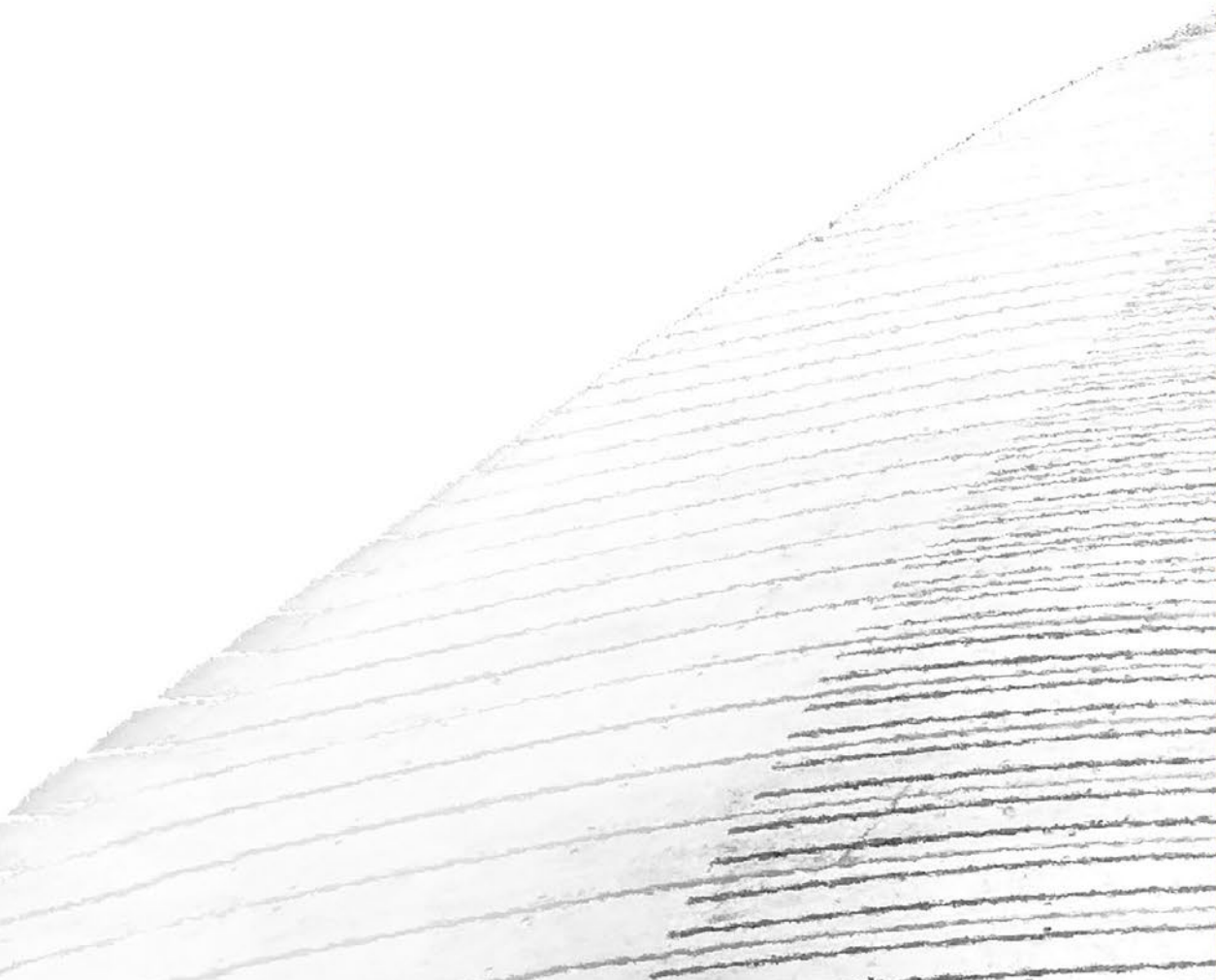
Highest durability (class 1)



Excellent dimensional stability



From sustainably managed forests





UNAVITA®

SAWN TIMBER

The raw material

for our durable, high quality and beautiful Unavita® products.

Rough-sawn, pre-sorted Accoya® wood with FSC certification is available from our stock in many different dimensions for further individual processing.

26 x 104 mm FSC
26 x 128 mm FSC
26 x 156 mm FSC
26 x 208 mm FSC
26 x 260 mm FSC

35 x 156 mm FSC
35 x 208 mm FSC

40 x 156 mm FSC
40 x 208 mm FSC

52 x 156 mm FSC
52 x 208 mm FSC

65 x 104 mm FSC
65 x 156 mm FSC
65 x 208 mm FSC

78 x 156 mm FSC



Das Zeichen für
verantwortungsvolle
Waldwirtschaft

Other sizes and dimensions on request!

Acetylation

Acetylation can cause process-related stains and streaks as well as „lath stripes“ on the wood.

This is a characteristic property of Accoya® and mainly affects the „peripheral areas“.

The originally beautiful, light grey Accoya® shade can be easily recovered by machining.





WHY USE ACCOYA®

UNAVITA® Accoya® **Wood at its best**

The wood of the Pinus Radiata, from sustainable forestry with FSC certification, is optimised by the acetylation process in many respects, from the surface to the core, 100 % natural. The process reduces the ability of the wood to absorb water. This gives the wood a significantly higher dimensional stability and makes it extremely durable.

UNAVITA® **The intelligent solution**

Therefore, Accoya® is the first choice for the manufacture of dimensionally stable, exterior components with any kind of stain or varnish finish. Considerably reduced swelling and shrinkage of the wood enormously increase the dimensional stability and thus significantly reduce stress on the pigmented coating. This leads to less maintenance and noticeably reduces running costs.

The outstanding dimensional stability, like no other wood, allows the realisation of even demanding solid wood facade designs or terrace floor boards with a width of 192 millimetres and a length of up to 4.8 metres, without reason to worry. The acetylation process gives the wood a pleasant warm and durable feel, is „barefoot friendly“ and is ideally suited for prefabricated wood seats of any kind.

Classification in resistance class 1 guarantees the highest resistance to wood-destroying fungi and insects and enables a maximum long-term outdoor use of this wood over at least 25 or 50 years!

UNAVITA[®]
MANUFACTURED FROM ACCOYA[®]
ABSOLUTELY UNIQUE



*Highest durability
(class 1)*



Barefoot friendly



*Excellent dimensional
stability*



Natural insulation



*From sustainably
managed forests*



*Ideal for surface
finishes*



*Resistant to
insect attack*



*Beautiful
natural wood*



Easy machining



*Non-toxic
and recyclable*



Consistent quality



*Long-term stability
and hardness*



Münchinger is one of the leading suppliers of glued window scantlings, top-grade solid wood, framing timber as well as garden wood and terrace flooring.



The name Münchinger stands for quality and first-class service. Our state-of-the-art production facilities enable fast feed-through cycles, precision, efficiency and a flexible choice of dimensions and wood species.



We at Münchinger make sustainable decisions, also with regard to innovative and environmentally sound energy generation. Thanks to investing in large photovoltaic arrays, we can use the sun as a source of renewable energies.