

Leforest

Sustainable Wood Products Product Catalog



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About US

Leforest is a manufacturing company established in 2013 and specialized in producing thermowood, natural planed timber, Shou Sugi Ban (Japanese charred wood), and engineered solid-wood products. Our team is passionate about developing green, sustainable building products and constantly explores new and traditional technologies to create niche products. Our clients choose us because of our competitive pricing, customer-focused approach, and brand-specific strategy. Additionally, we offer value-added wooden products and provide woodworking and warehousing services in Estonia. We only work with distributors and professional B2B companies in the woodworking industry and do not serve private customers or individual builders.



About the Product Catalogue

In this Leforest product catalog, we have recreated our best professional understanding of the technical aspects of forest products. We are also showing our customers why they should choose a particular product





We understand the essential nature of things.

The events and objects in our world can often disrupt our emotional stability. We recognize the vulnerability of what is happening and strive to make our products more resilient to external conditions. We know that life in our region is rapidly changing, with limited resources and a need to find and secure the best natural and human resources to meet demand. Everything requires time, money, effort, and attention to be created, and we want our clients to understand this and be patient with the work.

Striving for the best

The Leforest team is committed to our work and is focused on achieving our goals and objectives. We have a long history of manufacturing and have always been dedicated to meeting the needs of our customers. We strive to work with the industry's best people and reach for the highest quality. We value your creative and commercial ideas and appreciate your ongoing orders as they help us to improve and evolve in a constantly changing world.



1.0 Natural Timber Profiles



● Cladding Profiles



● Roofing Battens



● Structural S4S



● Rainscreens and Sidings



● Decking Profiles



● SYP, Radiata, Hemlock, EU Larch, Obeche Profiles





Natural Timber Profiles

1.1 Cladding Profiles

Leforest produces standard and customized cladding profiles using softwoods from the Nordic region, typically pine and spruce. Our regular production capacity is available upon request, and we offer competitive prices in our trading and manufacturing operations. We can also consider other tree species from overseas and create custom profiles and packaging for production upon request. If you are interested in our cladding products, please send us your request, and we will provide you with a price quote. We offer various types of surface treatments as well.

Natural Exterior Cladding	Facede building material
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea abies</i>)
Why choose:	Affordable quality, regular shipment, dense solid structure
Surface quality:	Natural smooth planed or custom profiles. Chemically Untreated
Common Sizes:	20x90; 20x95; 18x120; 20x116; 20x120; 20x140; 20x145; 24x145; 28x145. Custom sizes under request
Quality:	Sound knotted, wane-free AB grade, separate BC grade; Nordic Timber
Standard or Custom Profiling:	TG; TGV + Bread; V-grooved; Shiplap; PAR; Grooved; Chamfered; Castellated; Angled
Surface Treatment Variations except Natural surface:	Brush Painted, Vacuum Oiled, Brush Oiled, Textured, Tenalith treated, Charred Surface; Thermowood
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	KD, AD. Standard 18 +-2%
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Natural Timber Profiles

1.1 Cladding Profiles





Natural Timber Profiles

1.2 Decking Profiles

"Leforest specializes in producing standard and custom decking profiles for indoor and outdoor terraces. Our decking is made from high-quality softwoods sourced from the Nordic hemisphere, including pine and European larch. We offer a range of surface treatment options to suit the specific needs of our customers."

Natural Decking Boards	Natural Sustainable Building Material
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Larch (Larch spp.). Other species under request.
Why choose:	Affordable quality, regular shipments, dense solid structure
Surface quality:	Natural smooth profiling with radiuses or custom profiles.
Common Sizes:	28x90; 28x95; 28x120; 28x145 mm. Custom sizes under request
Quality:	Sound knotted, wane-free AB grade, separate BC grade; Nordic Timber
Standard or Custom Profiling:	Reeded; Castle Top; Beaded Deck; S4S R3; Custom Profiles
Surface treatment variations except Natural:	Brush Painted or Oiled, Vacuum Oiled, Burnt Surface, Thermowood, Tanalith treated
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	Kiln Dried, standard 18 +/-2%
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Natural Timber Profiles

1.2 Decking Profiles





Natural Timber Profiles

1.3 Roofing Battens

At Leforest, we offer sustainable softwood roofing battens from raw materials sourced from Latvia, Finland, Sweden, and Estonia. Our battens are pressurized and treated with Tanalith in a vacuum chamber before being manually stress-graded to ensure the highest quality product.

S4S Roofing Battens	Sustainable Nordic material for the roof building
House Frame Material, Carcassing	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea abies</i>)
Product Variations	Smooth Planing from four sides; Sharp Edges; S4S Facade Sidings
Type of Treatment	UC3, UC4 Pressurized Tanalith Treatment.
Color variations:	Green, Brown or Blue
Common Sizes	38x10; 38x23; 45x23; 45x25; 50x23; 50x25; 23x25; 20x25, 20x50
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	KD, AD. Standard 18 +-2%
Certificates	PEFC, EUTR, FSC, UKTR
Resource Origin	Estonia, Latvia, Sweden, Finland





Natural Timber Profiles

1.3 Roofing Battens





Natural Timber Profiles

1.4 Structural S4S

"Leforest produces structural construction timber that is designed explicitly for load-bearing applications. Our timber is an S4S planed softwood, typically pine or spruce sourced from Finland and Estonia. It is produced and stocked in standard cross-sections to meet the needs of modern timber frame construction and is manually stress-graded to ensure its strength and quality. This versatile material is suitable for a wide range of construction projects.

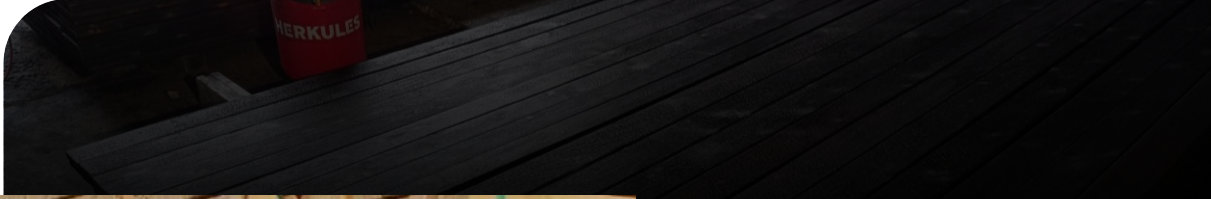
S4S Planed Structural Timber	Material for the general building
House Frame Material, Carcassing	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea abies</i>)
Product Variations	Beams, Framing, Vacuum Treated; S4S facade sidings with sharp edges
Type of Treatment	UC3, UC4
Common Sizes	45x45 (50x50); 45x70 (50x75); 45x95 (50x100), 45x120 (50x125), 45x145 (50x150), 45x195 (50x200); 45x220 (50x225)
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	KD, AD. Standard 18 +/-2%
Certificates	PEFC, EUTR, FSC, UKTR
Resource Origin	Estonia, Latvia, Sweden, Finland
Payment:	Payment under the initial raw material sizes





Natural Timber Profiles

1.4 Structural S4S





Natural Timber Profiles

1.5 SYP, Radiata, Hemlock, EU Larch, Obeche Profiles





Natural Timber Profiles

1.5 SYP, Radiata, Hemlock, EU Larch, Obeche Profiles

At Leforest, we offer custom-sawn wood sourcing and processing services to meet the specific needs of our clients. We have access to a wide range of tree species, including SYP, Hemlock, European Larch, and Radiata Pine, grown in regions far from the Baltic States and the EU. We can assist with selecting a sawmill and its products and help to order and process the wood into a finished profile. While we do not keep these tree species in stock, we can arrange for them to be stocked according to our client's programs.

SYP, Hemlock, European Larch, and Radiata Pine Profiles	Material For The General Building
SYP, Hemlock, European Larch, and Radiata Pine Profiles	Machined Profiles
Tree species:	Southern Yellow Pine, Hemlock, European Larch, Radiata Pine
Why choose:	Long-Lasting program; Custom Profiles
Surface quality:	Natural smooth planed or custom profiles. Chemically Untreated
Common Sizes:	upon the request, program spec
Quality:	Select and Premium, Knotless or sound knotted, wane-free grade
Standard or Custom Profiling:	Common and custom profiles
Surface Treatment Variations except Natural surface:	Brush Painted, Vacuum Oiled, Brush Oiled, Textured, Tenalith treated, Charred Surface; Thermowood
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	USA, New Zealand, Canada, Austria





Natural Timber Profiles

1.6 Rainscreens and Sidings

Wooden rain-screen and siding profiles are popular for exterior building cladding due to their natural beauty and durability. Rainscreen systems consist of a series of horizontal or vertical wood slats that are attached to the outer wall of a building, creating a protective layer that allows air to circulate behind it. This helps to prevent moisture buildup and improve the overall energy efficiency of the building. Siding profiles, on the other hand, are used to cover the entire exterior surface of a structure. They can be made from various materials, including wood, vinyl, and fiber cement, and come in multiple styles and profiles to suit different design preferences. Wooden rain-screen and siding profiles can be finished with various treatments to protect against weathering and improve their appearance.

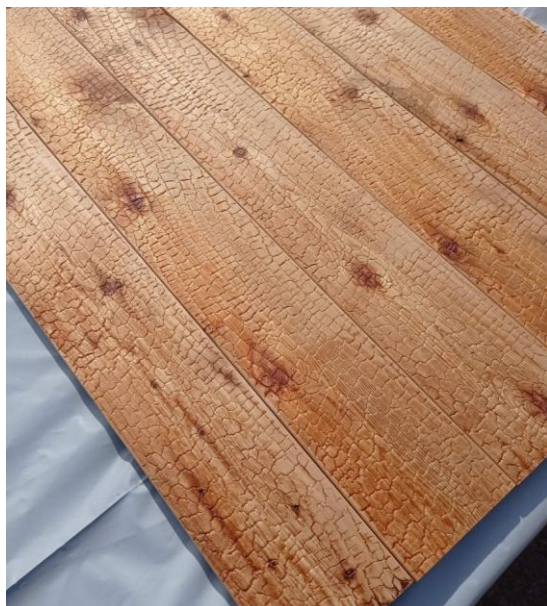
Natural Exterior Cladding	Facede Building Material
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea abies</i>)
Why choose:	Affordable quality, regular shipment, dense solid structure
Surface quality:	Natural smooth planed or custom profiles. Chemically Untreated
Common Sizes:	20x90; 20x95; 18x120; 20x116; 20x120; 20x140; 20x145; 24x145; 28x145. Custom sizes under request
Quality:	Sound knotted, wane-free AB grade, separate BC grade; Nordic Timber
Standard or Custom Profiling:	TG; TGV + Bread; V-grooved; Shiplap; PAR; Grooved; Chamfered; Castellated; Angled
Surface Treatment Variations except Natural surface:	Brush Painted, Vacuum Oiled, Brush Oiled, Textured, Tenalith treated, Charred Surface; Thermowood
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	KD, AD. Standard 18 +-2%
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Natural Timber Profiles

1.6 Rainscreens and Sidings



2.0 Thermowood Products



● General Photos



● T-Profiles



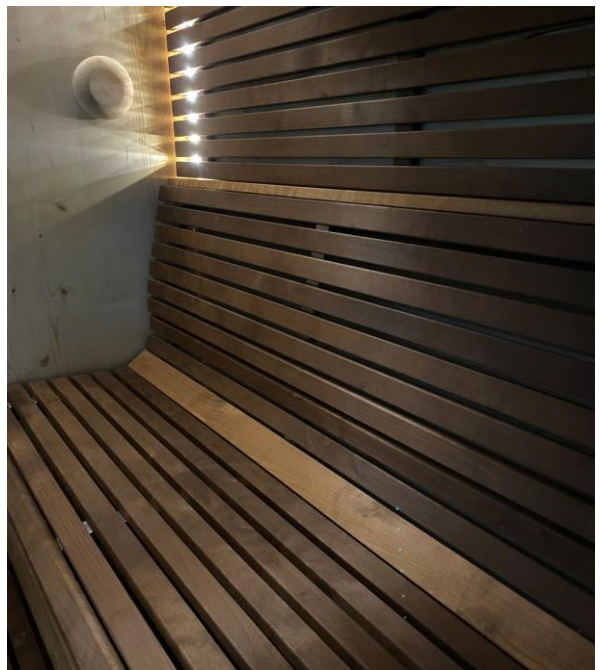
● Thermowood Raw Materials



● T-profile Furniture Elements



● T-Wood Outdoor Saunas

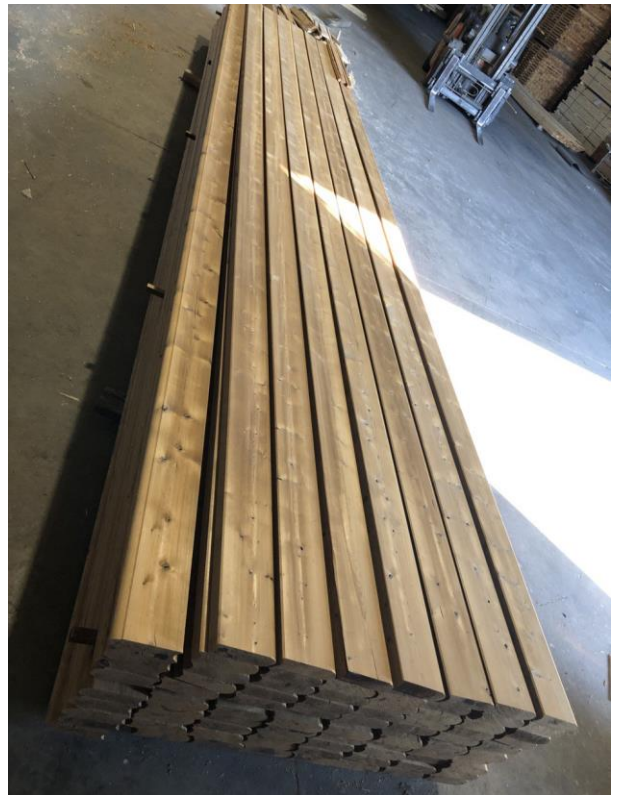


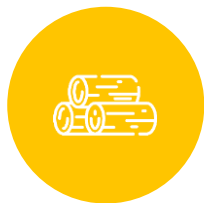
● Hot Tube Saunas





General photo





Thermowood Products

2.1 Thermowood Rough-Sawn Boards

Leforest is proud to offer B2B clients the opportunity to purchase rough-sawn coniferous boards made from ThermoWood for processing into custom profiles. Thermo treatment is a wood modification process that uses high temperatures and water vapor, without any chemicals, to modify the properties of the wood. This process is carried out in our specially built, computer-controlled facility, and is tailored to the specific type, thickness, and moisture content of the wood. By purchasing ThermoWood from us, our clients can produce their own high-quality custom profiles independently.

Technical Details

Thermowood Rough-sawn boards	Modified Wood for the further processing
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea</i> spp.). Other species under request.
Why choose:	Affordable quality, regular shipments, dense solid structure
Surface quality:	Rough-sawn boards, thermally treated, presorted.
Common Sizes:	All range of Scandinavian raw wood sizes
Quality:	Sound knotted, wane-free AB grade, separated C grade due to cracks; Nordic Timber, central cut.
Standard Treatment:	Modified in the Vacuum Chamber under 180-212°C. Thermo-D, Thermo-S
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	8 +/-2%MC, after the processing
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Thermowood Products

2.1 Thermowood Rough-Sawn Boards





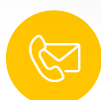
Thermowood Products

2.2 Thermowood Planed Facade Profiles

Leforest is offering ThermoWood Planed Facade Profiles. The company is using coniferous boards to process custom or standard profiles. Low-grade materials with cracks or loose knots are sorted out before and after the treatment. Thermo treatment is a wood modification with high temperatures (185°C and 212°C) and water vapor (without using any chemicals). This process; is applied in our specially built computer-controlled facility, depending on variables such as the wood's type, thickness, and initial moisture.

Technical Details

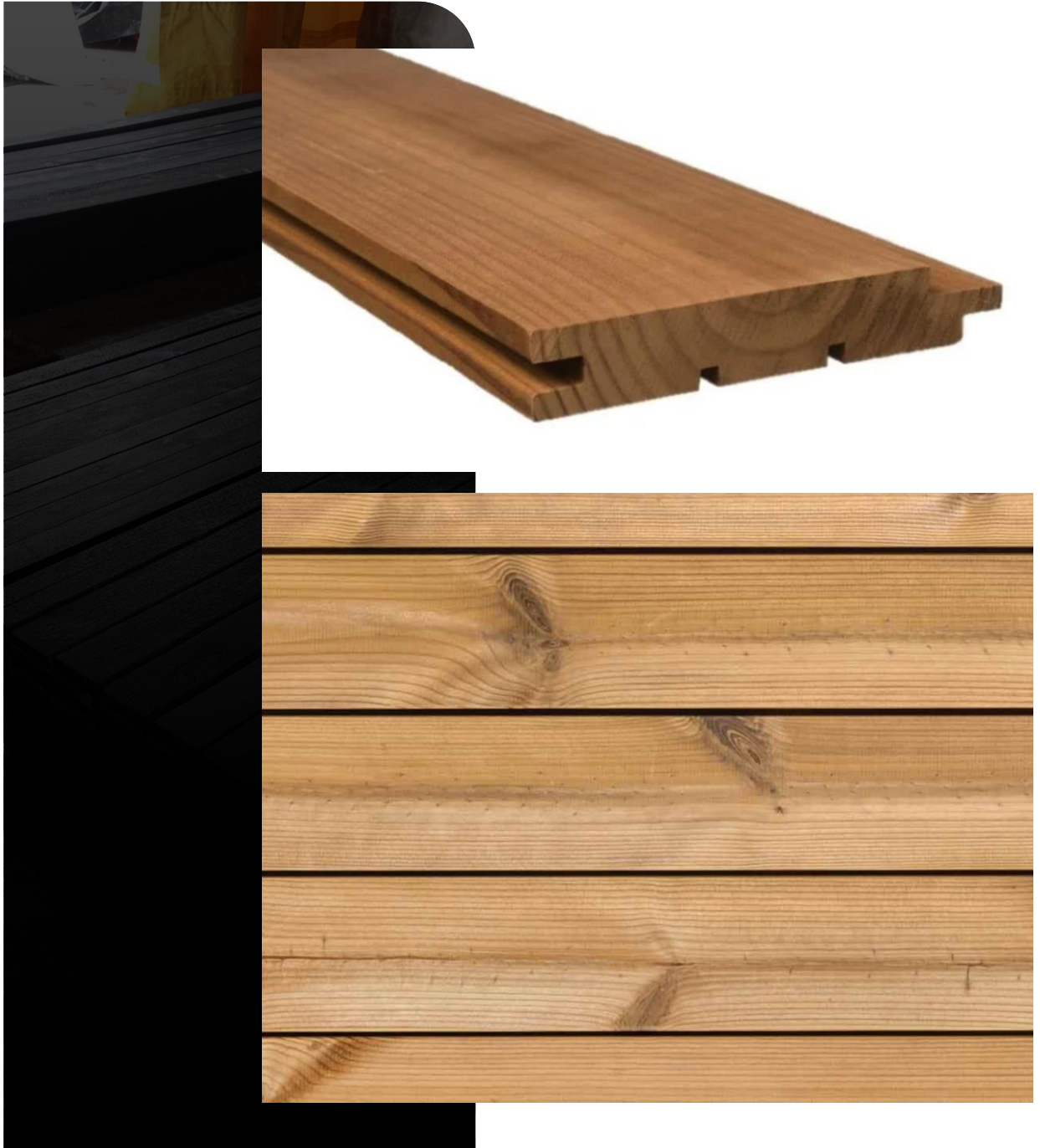
Thermowood Rough-sawn boards	Modified Wood for the further processing
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea spp.</i>). Other species under request.
Why choose:	Regular shipments, Vacuum processing, Stable moisture content
Surface quality:	Rough-sawn boards, thermally treated, presorted.
Common Sizes:	All range of Scandinavian raw wood sizes
Quality:	Sound knotted, wane-free AB grade, separated C grade due to cracks; Nordic Timber, central cut.
Standard Treatment:	Modified in the Vacuum Chamber under 180-212°C. Thermo-D, Thermo-S
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	8 +/-2%MC, after the processing
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Thermowood Products

2.2 Thermowood Planed Facade Profiles





Thermowood Products

2.3 Thermowood Furniture Elements

Leforest is offering ThermoWood coniferous rough-sawn boards for processing into profiles. The B2B clients purchase heat-treated wood to produce custom profiles independently. Thermo treatment is a wood modification with high temperatures (185°C and 212°C) and water vapor (without using any chemicals). This process; is applied in our specially built computer-controlled facility, depending on variables such as the wood's type, thickness, and initial moisture.

Technical Details

Thermowood Furniture Elements	Modified Wood for the further assembly
Tree species:	Nordic Pine (Pinus sylvestris)
Why choose:	Affordable quality, regular shipments, dense solid structure
Surface quality:	Smooth planed boards, thermally treated, presorted.
Quality:	Sound knotted, no cracks, no wane, no rot, Oiled surface
Standard Treatment:	Modified in the Vacuum Chamber under 180-212°C. Thermo-D
Moisture Content	8 +-2%MC, after the processing
Certificates	PEFC, EUTR
Raw material country of Origin	Finland





Thermowood Products

2.3 Thermowood Furniture Elements





Thermowood Products

2.4 Thermowood Outdoor Saunas Created from Thermowood Boards

Leforest is pleased to offer outdoor saunas made from ThermoWood. Our saunas are designed to be both beautiful and functional, with a premium finish and features such as an inbuilt heater, glass doors, sauna benches, thermostats, and lighting. We offer three of the most popular models, but we can also produce custom sets based on drawings or plans provided by our clients. If you are interested in purchasing one of our outdoor saunas, please don't hesitate to contact us for more information.

Basic Set Includes

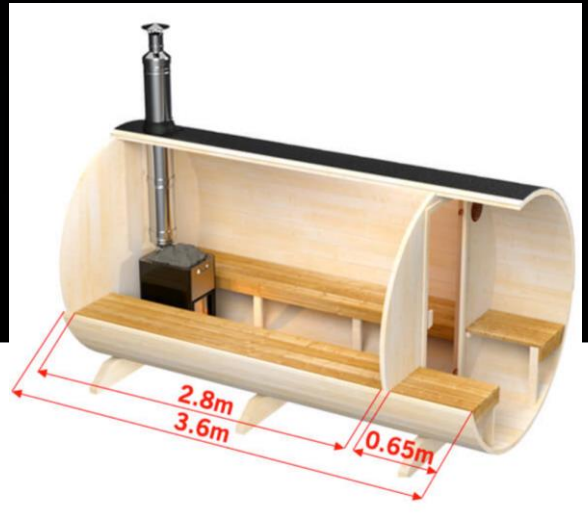
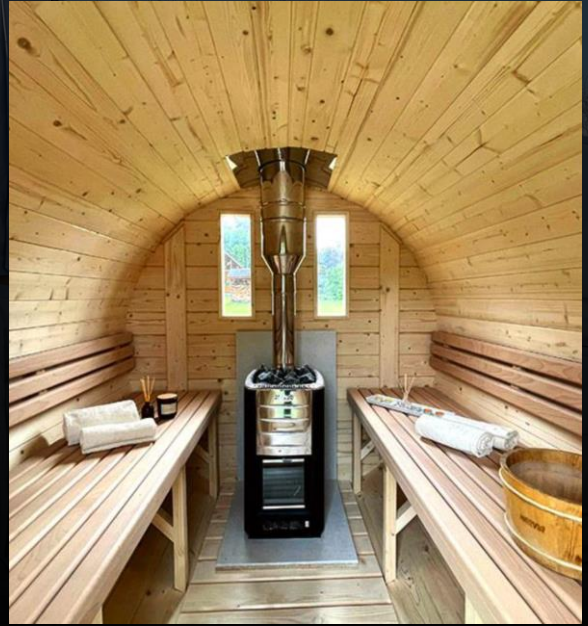
Thermowood Outdoor Saunas	Created from Thermowood Profiles
Tree species:	Spruce Thermowood barrel, sauna benches from thermowood
Why choose:	Affordable quality, regular shipments
Quality:	Smooth wall surface, thermally treated, brown Tempered Glass Door
Other features:	Tempered Glass Doors, Bitumen Shingle Roof, Sauna Stoves, Stainless steel hoops, 4 pcs.





Thermowood Products

2.4 Thermowood Outdoor Saunas





Thermowood Products

2.5 Hot Tubes

A Wooden Hot Tub with an outside stove is a traditional and eco-friendly option for an outdoor hot tub. Our hot tubs are handmade in our factory using carefully selected natural materials and are heated efficiently and uniformly by an outside stove. This stove is easy to maintain and clean and does not take up any space inside the hot tub, allowing you to choose the desired diameter based on the number of people you wish to accommodate. Our smallest wooden hot tub, with a diameter of 1.6 meters, can hold up to 5 people.

Wooden Hot Tubes	With Stainless Steel Hoops and benches
Package:	Flat-Pack with instruction
Stainless steel stove	With Stainless Steel Hoops and benches





Thermowood Products

2.5 Hot Tubes



3.0 Charred Wood Products



● Charred Wood Cladding



● Charred Wood Raw Material for the Surface Finishing Companies



● Charred Accoya



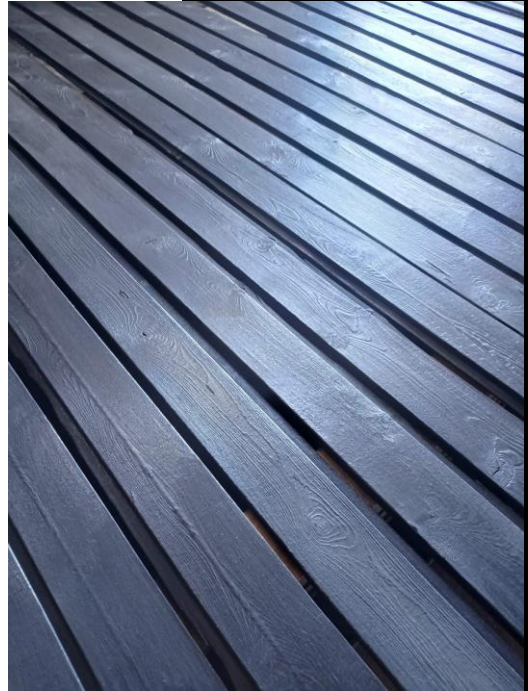
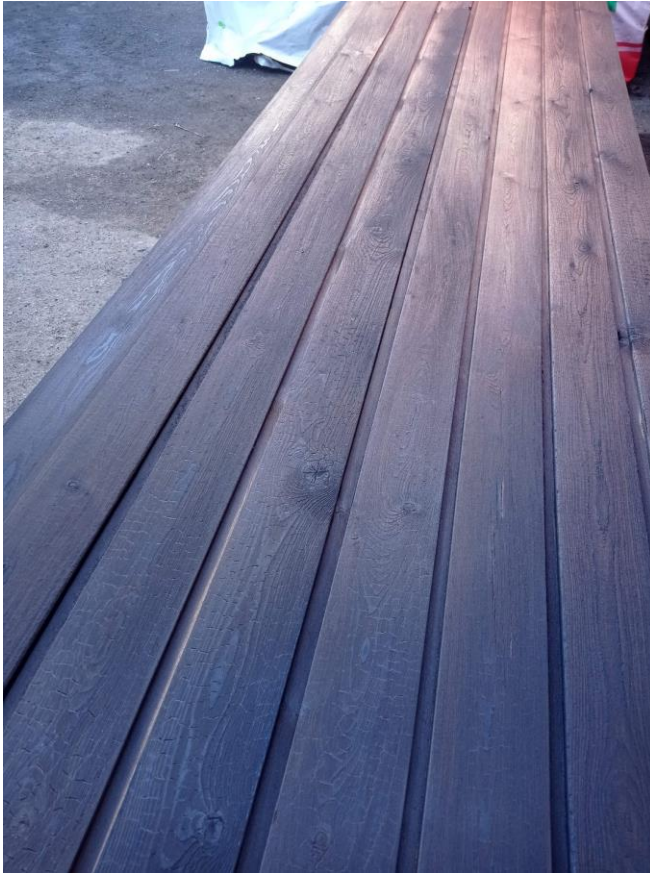
● Artificially Aged Wood





Charred Wood Products

3.1 Charred Wood Cladding





Charred Wood Products

3.2 Charred Wood Raw Material for the Surface Finishing Companies

At Leforest, we offer fire-treated wood profiles that have undergone a deep fire-treatment process. Unlike other fire-treated products, we do not remove the charcoal from the surface of our wood, leaving it exposed for a unique and rustic appearance. Our fire-treated wood is not coated with oil or paint, making it suitable for use in various applications. Producers with proprietary technology often choose our products for their finishes and branded packaging.

Technical Details

Charred Wood Machined Profiles

Preprocessed material for the surface finishing companies. Material is without the surface finishing

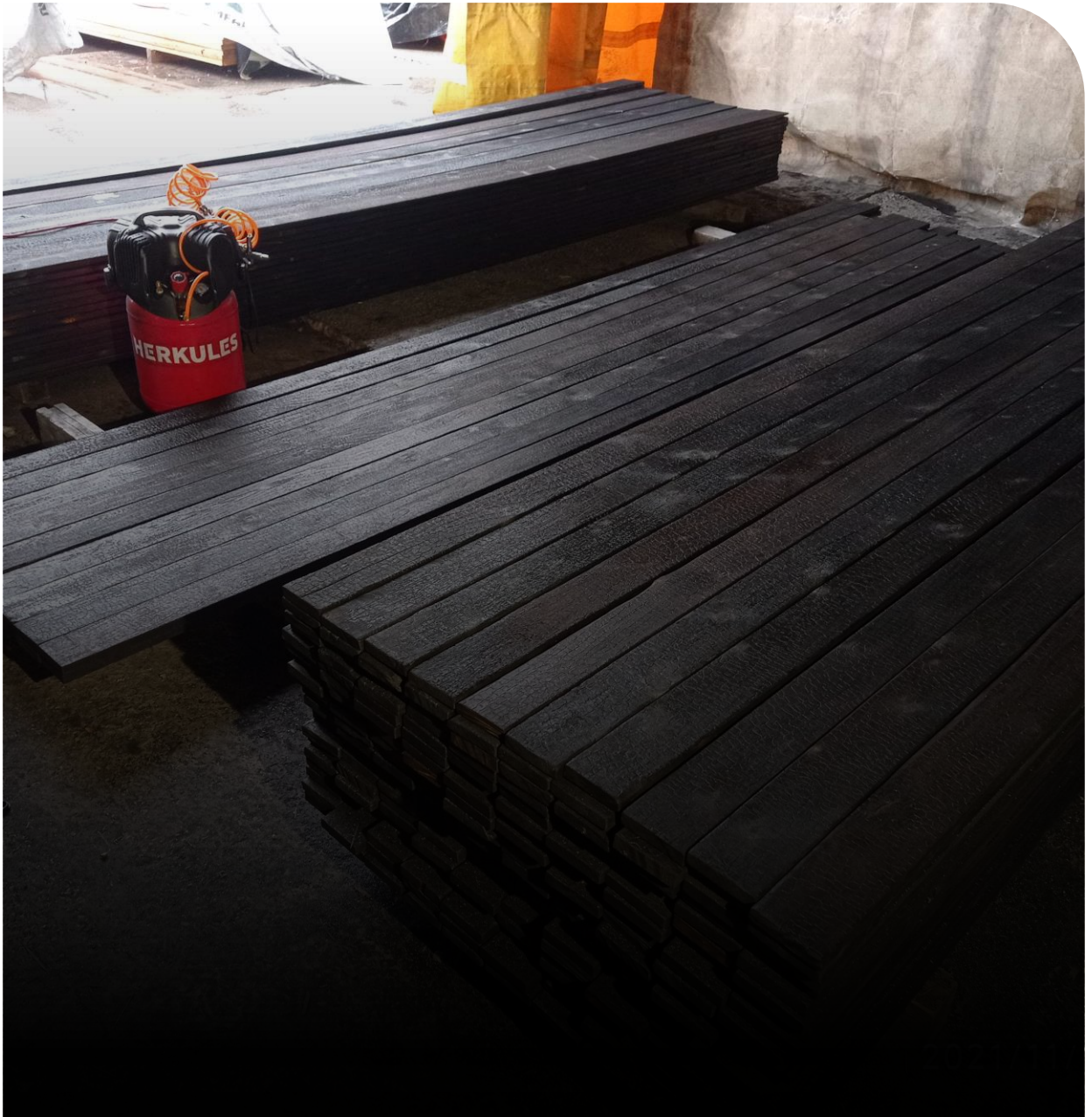
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>), Nordic Spruce (<i>Picea spp.</i>). Other species under request.
Why choose:	Affordable quality, preprocessed, regular shipments, value adding at te
Surface quality:	Smooth Planed Boards, Charred Surface, Uncleaned charcoal on the top.
Quality:	Sound knotted, wane-free AB grade, no C grade Nordic Timber
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	14 +/-2%MC, after the processing
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Charred Wood Products

3.2 Charred Wood Raw Material for the Surface Finishing Companies





Charred Wood Products

3.3 Artificially Aged Wood

Leforest is pleased to offer artificially aged wood products to our customers. Our artificially aged wood is created using a proprietary process that replicates the natural aging process of wood, resulting in a product with the unique character and patina of old wood. Our artificially aged timber is suitable for various applications, including flooring, cladding, and furniture. It is available in multiple species, including oak, pine, and fir, and can be finished with various treatments to suit your specific needs.

If you are interested in using artificially aged wood for your next project, please don't hesitate to contact us for more information. Our team will happily work with you to find the perfect solution for your needs.



Technical Details

Artificially Aged Wood	Wall profiles and beams for interior and exterior usage. Barnwood effect
Tree species:	Nordic Pine (<i>Pinus sylvestris</i>)
Why choose:	Unique and authentic product outlook, no need to recover old barn wood
Surface quality:	Smooth Planed Boards, Charred Surface, Uncleaned charcoal on the top.
Quality:	BC grade, mid export grade
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	14 +-2%MC, after the processing
Raw material country of Origin	Estonia





Charred Wood Products

3.3 Charred Wood Raw Material for the Surface Finishing Companies

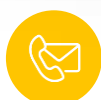
We offer fire-treated wood profiles. The product has undergone deep fire treatment, and we do not remove charcoal from the product's surface. The surface is not covered with oil or paint. Producers with proprietary technology choose our products for their finishes and branded packaging.

Technical Details

Charred Wood Machined Profiles

Preprocessed material for the surface finishing companies. Material is without the surface finishing

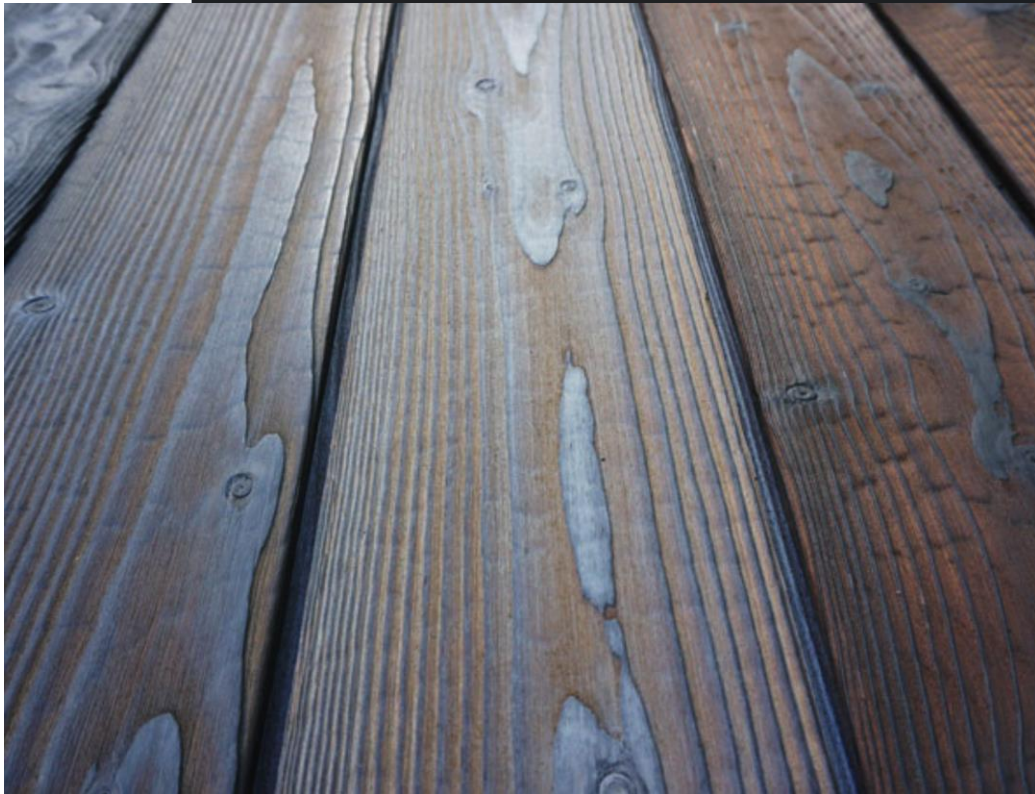
Tree species:	Nordic Pine (Pinus sylvestris), Nordic Spruce (Picea spp.). Other species under request.
Why choose:	Affordable quality, preprocessed, regular shipments, value adding at te
Surface quality:	Smooth Planed Boards, Charred Surface, Uncleaned charcoal on the top.
Quality:	Sound knotted, wane-free AB grade, no C grade Nordic Timber
Lengths in meters	3.0; 3.3; 3.6; 3.9; 4.2; 4.5; 4.8; 5.1; 5.4; 5.7; 6.0
Moisture Content	14 +/-2%MC, after the processing
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	Finland, Estonia, Sweden, Latvia





Charred Wood Products

3.3 Charred Wood Raw Material for the Surface Finishing Companies





Charred Wood Products

3.5 Charred Accoya

Leforest is excited to offer our customers the opportunity to use Charred Accoya for their next project. Accoya is a high-performance wood modified through a proprietary process to make it more stable and durable. When charred, it becomes even more resistant to rot, decay, and insect attack, making it a reliable choice for outdoor projects. Our Charred Accoya is available in various profiles and sizes and can be finished with a range of treatments to suit your specific needs. It is perfect for cladding, decking, and other exterior applications where a unique and stylish finish is desired. If you are interested in using Charred Accoya for your next project, please don't hesitate to contact us for more information. Our team will happily work with you to find the perfect solution for your needs.



Technical Details

Charred Accoya	Exterieur Facade Profile
Tree species:	NZ Radiata Pine (Pinus radiata)
Why choose:	Premium quality, best appearance, stable dimensions
Surface quality:	Smooth Planed Boards, Charred Surface, Uncleaned charcoal on the top
Quality:	Sound knotted, wane-free, straight
Lengths spec under request	2400-4800 mm.
Certificates	PEFC, EUTR, FSC, EC, UKTR
Raw material country of Origin	New Zealand, Netherlands





4.0 Prefab Wooden Trusses

Leforest is pleased to offer prefabricated wooden trusses for various construction projects. Our trusses are designed using specialized software and manufactured in our factory to ensure the highest level of quality and precision.

Prefabricated wooden trusses offer a number of benefits, including reduced material consumption, shorter construction times, and overall cost savings. They are a reliable and cost-effective choice for both residential and commercial projects.

If you are interested in using prefabricated wooden trusses for your next project, please don't hesitate to contact us with your specification needs. Our team will be happy to calculate the total cost of your project and provide you with a quote.





5.0 Words of gratitude

We are grateful to all of our employees and their families for their support and contributions to our company's growth and development. It is through the loyalty of our customers that we are able to turn our ideas and goals into reality. In return, we strive to maintain a high level of service and product quality and to be dedicated to our employees. By working together, we can create a better, cleaner world and ensure a sustainable future for generations to come.

