TECHNICAL DATASHEETS

www.saunaboard.com
High temperatures and moisture, as well as the subsequent dryness, that develops in a sauna, stress the material enormously. With the newly developed SAUNABOARD we unite the highest technical standard, elegant design and advanced format in one board. At sauna temperatures this special plywood board emits neither formaldehyde (apart from the natural contents of the wood), nor biocides or isocyanates. The SAUNABOARD from J. Grabner conforms to the strict ÖNORM M6219-1. Therefore all types of wood (except smoked, fitted with non-woven fabrics or treated wood types) are suitable for sauna construction and can be used (see test certificate Interior Analytics/Tappler).

**SAUNABOARD - THE HOTTEST BOARD IN THE SAUNA SECTOR**

**GENERAL INFORMATION**

SAUNABOARD - THE HOTTEST BOARD IN THE SAUNA SECTOR

**FORMATS**

- 2800 x 2050 mm
- 2050 x 2800 mm - unpolished!
- 2500 x 1250 mm

**THICKNESS**

16 mm (other thicknesses on request) -> tested board thickness

**QUALITY**

A/Blind
- Front side A = visible quality
- Back side blind = Blind veneer without quality standard

**JOINING METHOD**

Sliced veneer joined in solid character

**GLUING**

D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

**SCOPE OF APPLICATION**

High-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate afterdrying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

**INNER LAYER**

Plywood structure (peeled veneer) made from European aspen or alder (no exotic wood!). FSC® as well as PEFC™ certified veneers can be provided on request. The colour of the inner layer is matched to the top layer (aspen or alder).

**TOP LAYER**

Sliced veneer top layers standard approx. 0.6mm (hardwood), 0.8mm (softwood). Other veneer thicknesses on request. The SAUNABOARD from J. Grabner sets new standards in design. Very many types of wood as well as embossed optics (SAUNABOARD STRUCTURE) are available in the standard range.

**WARRANTY**

Outstanding quality requires outstanding service. For this reason we give a 10 year warranty on the gluing on our SAUNABOARDS for the private sector and a warranty of 12,000 hours of operation for commercial or public saunas with corresponding registration (see Warranty Statement).

**PROCESSING**

For fixing the SAUNABOARDS we recommend a combination of gluing and screwing the board elements (panels). Due to the great variety of sauna constructions, with a different method of fixing we advise the person performing the work to check this beforehand and to continue working accordingly. For softwoods, thick veneering as well as old woods we recommend brushing the boards before installation, in order to prevent these woods from splintering and flaking off later.

**ADVANTAGES**

- many design options (large and small panels)
- large selection of wood types and surface structures
- no emitting pollutants in the gluing according to test certificate ÖNORM 6219-1
- inner layer made from compact aspen or alder wood (sauna wood); as a result high screw retention for optimal fixing
- no exotic wood – conserving resources (carrier board)
- inner layer colour matched to top veneer layer (light wood / light inner layer = Aspen; dark wood / dark inner layer = Alder)
- FSC® or PEFC™ certified on request
- large formats (optimisation; less waste than small formats)
- warranty – our extras service
- pallet size: 36 units
- horizontal format 2050 x 2800 mm also possible
SAUNABOARD PLUS

The SAUNABOARD PLUS is manufactured with a thicker top layer (sliced veneer thickness 1.5mm) than that of the SAUNABOARD. Especially for chamfered, rounded edges and for the sauna builder who wants to stand out greatly from the norm.

2800 x 2050 mm

16 mm (other thicknesses on request) -> tested board thickness

A/Blind
Front side A = visible quality
Back side blind = blind veneer without quality standard

Sliced veneer top layers (1.5mm) joined in solid character

D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

NOTE: These top layers are not tested according to ÖNORM 6219-1. Solid wood or thicker layers of veneer emit more formaldehyde (limit value max. 0.4 mg formaldehyde at 90°C) due to the natural constituents of the wood. Therefore the SAUNABOARD PLUS may not be used in Austria for the public sector (public sauna facilities, hotels, etc.)!

High-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate after drying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

Plywood structure (peeled veneer) made from European aspen or alder (no exotic wood!). FSC® as well as PEFC™ certified veneers can be provided on request. The colour of the inner layer is matched to the top layer (aspen or alder).

Outstanding quality requires outstanding service. For this reason we give a 10 year warranty on the gluing on our SAUNABOARDS for the private sector and a warranty of 12,000 hours of operation for commercial or public saunas with corresponding registration (see Warranty Statement).

Due to the thicker layers of veneer the surface may be more prone to cracking than with veneer top layers of normal thickness (0.6mm).

» many design options (large and small panels)
» no emitting pollutants in the gluing
» inner layer made from compact aspen or alder wood (sauna wood); as a result high screw retention for optimal fixing
» no exotic wood – conserving resources (carrier board)
» inner layer colour matched to top veneer layer (light wood / inner layer = Aspen; dark wood / dark inner layer = Alder)
» FSC® or PEFC™ certified on request
» large formats (optimisation: less waste than small formats)
» warranty – our extras service
» pallet size: 36 units
» horizontal format 2050 x 2800 mm also possible
This further development of the Sauna Board combines all the advantages of a technical sauna board with the functionality of a vapour barrier. An aluminium foil is already incorporated in the Sauna Board EVO. The Sauna Board EVO from J. Grabner complies with the strict ÖNORM M6219-1. Therefore all types of wood (except smoked, fleece-lined or treated wood types) are suitable for the construction of a sauna and can be used (see test certificate Indoor Analytics/Tappler).

**FORMATS**
- 2800 x 1250 mm

**THICKNESS**
- 16 mm

**QUALITY**
- A/Blind
  - Front side A = visible quality
  - Back side blind = blind veneer without quality standard

**JOINING METHOD**
- Sliced veneer top layers joined in solid character

**GLUING**
- D4, the latest generation according to DIN EN 314 Part 2 Class 3. The bonding quality with regard to water resistance and temperature stability has been tested for sauna suitability over a significantly long period under laboratory conditions.

**SCOPE OF APPLICATION**
- Construction of high-quality sauna cabins, infrared cabins, heat cabins or Wellness centres (interior construction of the cabins). Can also be used for BIO- or evaporator saunas with appropriate afterdrying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet cells and steam chambers (100% humidity).

**INNER LAYER**
- Plywood structure (peeled veneer) made from European aspen (no exotic wood!) with a 0.04mm thick aluminium foil. Veneers certified according to FSC® as well as PEFC™ can be obtained on request.

**TOP LAYER**
- Sliced veneer top layers, standard approx. 0.6mm (hardwood), 0.8mm (softwood). Other veneer thicknesses on request. The Sauna Board from J Grabner sets new standards in design. Very many types of wood as well as embossed visual effects (SAUNABOARD STRUCTURE) are available in the standard range.

**PROCESSING**
- For fixing the Sauna Board EVO we recommend a combination of screwing (up to the aluminium inlay max. 6-7 mm) and bonding of the board elements. Depending on requirements a double-sided system adhesive tape (e.g. Förch Klimastar D-SK) can be inserted between the individual panels at the front.

**ADVANTAGES**
- Time saving of laborious bonding of the vapour barriers
- 1 work step less
- Many design options
- Large selection of wood types and surface structures
- No emitting pollutants in the bonding according to test certificate ÖNORM 6219-1
- Inner layer made from compact aspen wood (sauna wood); there fore high resistance to axial withdrawal of the screws for optimum fastening
- No exotic wood – resource-saving (carrier board)
- Certified according to FSC® or PEFC™ on request
- Guarantee – our additional service
- Pallet size: 36 units
Half-round and round parts are gaining more and more ground in modern sauna construction. Likewise due to the small thickness this board can be used for visible tongues. There are no limits to its design possibilities. At sauna temperatures this special plywood board emits neither formaldehyde (apart from the natural contents of the wood), nor biocides or isocyanates. The SAUNABOARD from J Grabner conforms to the strict ÖNORM M6219-1. Therefore all types of wood (except smoked, fitted with non-woven fabrics or treated wood types) are suitable for sauna construction and can be used (see test certificate Interior Analytics/Tappler).

**Formats**
- 2800 x 2050 mm
- 2050 x 2800 mm
- 2500 x 1250 mm on request
- max. 3150 x 2050 mm on request

**Thickness**
- 4.0 mm with 0.6mm veneer top layer
- with 0.8 or 1.5mm veneer top layer correspondingly higher (other thicknesses on request)

**Quality**
- A/Blind Front side A = visible quality Back side Blind = blind veneer without quality standard

**Joining Method**
- Sliced veneer top layers joined in solid character

**Gluing**
- D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

**Scope of Application**
- Radius parts (curves) as well as visible tongues (tongue- and groove panels) in high-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate afterdrying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

**Inner Layer**
- Plywood structure (peeled veneer) made from European wood (no exotic wood!). FSC® as well as PEFC™ certified VENEERS can be provided on request.

**Top Layer**
- Sliced veneer top layers standard approx. 0.6mm (hardwood), 0.8mm (softwood). Other veneer thicknesses on request. The SAUNABOARD from J Grabner sets new standards in design. Very many types of wood are available in the standard range.

**Warranty**
- Outstanding quality requires outstanding service. For this reason we give a 10 year warranty on the gluing on our SAUNABOARDS for the private sector and a warranty of 12,000 hours of operation for commercial or public saunas with corresponding registration (see Warranty Statement).

**Processing**
- For fixing the SAUNABOARDS we recommend a combination of gluing and screwing the board elements. Due to the great variety of sauna constructions, with a different method of fixing we advise the person performing the work to check this beforehand and to continue working accordingly. For softwoods, thick veneering as well as old woods we recommend brushing the boards before installation, in order to prevent these woods from splintering and flaking off later.

**Advantages**
- many design options (large and small panels)
- large selection of wood types and surface structures
- no emitting pollutants in the gluing according to test certificate ONORM 6219-1
- large formats (optimisation; less waste than small formats)
- inner layer made from compact aspen or alder wood (sauna wood); as a result high screw retention for optimal fixing
- inner layer colour matched to top veneer layer (light wood light inner layer = Aspen; dark wood dark inner layer = Alder)
- warranty – our extras service
- no exotic wood – conserving resources (carrier board)
- FSC® or PEFC™ certified on request
- pallet size: 72 units
SONNBOARD – BRING THE ALPS INTO THE SAUNA

**GENERAL INFORMATION**

Real sunburned solid wood glued with the SAUNABOARD produces a designer board with the greatest technical claim. At sauna temperatures this special plywood board emits neither formaldehyde (apart from the natural contents of the wood), nor biocides or isocyanates. The Sonnboard from J Grabner conforms to the strict ÖNORM M6219-1. It is therefore suitable for sauna construction and can be used (see test certificate Interior Analytics/Tappler).

**FORMATS**

- 2800 x 1250 mm
- 2500 x 1250 mm
- 2050 x 2500 mm
  (custom formats on request)

**THICKNESS**

16 mm

**SCOPE OF APPLICATION**

High-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate afterdrying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

**INNER LAYER**

Plywood structure (peeled veneer) made from European timber (no exotic wood!)

**TOP LAYER**

6mm solid wood lamellae made from real sunburned wood

**COLOR VARIANTS**

- brown
- gray

**PROCESSING**

For fixing the Sonnboards we recommend a combination of gluing and screwing the board elements. Due to the great variety of sauna constructions, with a different method of fixing we advise the person performing the work to check this beforehand and to continue working accordingly. With old wood we recommend brushing the boards lightly again before installation, in order to prevent these woods from splintering and flaking off later.

**ADVANTAGES**

- many design options
- one board format (no varying lengths!)
- approved sauna quality (ÖNORM 6219-1)
SAUNABOARD STRUCTURE

GENERAL INFORMATION
Surface structures (surface finishes you can feel) are fully in line with today's trends. With the SAUNABOARD STRUCTURE you set new highlights in modern sauna construction. These natural wood surfaces are taken from real beams and split timbers and embossed into a variety of veneers. As a result they are given a smooth finished surface that requires no further treatment. At sauna temperatures this special plywood board emits no formaldehyde (apart from the natural contents of the wood). The SAUNABOARD from J. Grabner conforms to the strict ÖNORM M6219-1. Therefore all types of wood (except smoked or treated wood types) are suitable for sauna construction and can be used (see test certificate Inte-rior Analytics/Tappler).

FORMATS
2800 x 1250 mm

THICKNESS
16 mm (other thicknesses on request) - tested board thickness.

QUALITY
A/Blind
Front side A = visible quality
Back side blind = Blind veneer without quality standard

JOINING METHOD
Sliced veneer joined in solid character

GLUING
D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

SCOPE OF APPLICATION
High-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate after drying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

INNER LAYER
Plywood structure (peeled veneer) made from European aspen (no exotic wood!). FSC® as well as PEFC™ certified veneers can be provided on request.

TOP LAYER
Sliced veneer top layers standard approx. 0.6mm (hardwood and European softwood), 0.8mm (European softwood). Other veneer thicknesses on request. The SAUNABOARD from J. Grabner sets new standards in design. Very many types of wood as well as embossed optics are available in the standard range.

WARRANTY
Outstanding quality requires outstanding service. For this reason we give a 10 year warranty on the gluing on our SAUNABOARDS for the private sector and a warranty of 12,000 hours of operation for commercial or public saunas with corresponding registration (see Warranty Statement).

PROCESSING
For fixing the SAUNABOARDS we recommend a combination of gluing and screwing the board elements (panels). Due to the great variety of sauna constructions, with a different method of fixing we advise the person performing the work to check this beforehand and to continue working accordingly. For softwoods, thick veneering as well as old woods we recommend brushing the boards before installation, in order to prevent these woods from splintering and flaking off later.

ADVANTAGES
- many design options (large and small panels)
- large selection of wood types and surface structures
- no emitting pollutants in the gluing according to test certificate ONORM 6219-1
- high screw retention for optimal fixing
- large formats (optimisation; less waste than small formats)
- warranty – our extras service
- pallet size: 36 units

SAUNABOARD - THE HOTTEST BOARD IN THE SAUNA SECTOR
SAUNABOARD STRUCTURE 2.0

**GENERAL INFORMATION**
Surface structures (surface finishes you can feel) are fully in line with today's trends. With the SAUNABOARD STRUCTURE you set new highlights in modern sauna construction. The new embossing pattern results in a deeper surface structure (up to 3.5 mm) and creates an even more striking visual effect. These natural wood surfaces are taken from real beams and split timbers and embossed into a variety of veneers. As a result they are given a smooth finished surface that requires no further treatment. At sauna temperatures this special plywood board emits no formaldehyde (apart from the natural contents of the wood). The SAUNABOARD from J Grabner conforms to the strict ÖNORM M6219-1. Therefore all types of wood (except smoked or treated wood types) are suitable for sauna construction and can be used (see test certificate Interior Analytics/Tappler).

**FORMATS**
2800 x 1250 mm

**THICKNESS**
16 mm (other thicknesses on request) - tested board thickness

**QUALITY**
A/Blind
Front side A = visible quality
Back side blind = Blind veneer without quality standard

**JOINING METHOD**
Sliced veneer joined in solid character

**GLUING**
D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

**SCOPE OF APPLICATION**
High-quality sauna-, infrared-, heat cabin- or wellness centre construction (interior design of the cabins). Can also be used for BIO- or steamer saunas with appropriate after drying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

**INNER LAYER**
Plywood structure (peeled veneer) made from European aspen (no exotic wood!). FSC® as well as PEFC™ certified veneers can be provided on request.

**TOP LAYER**
Sliced veneer top layers standard approx. 0.6mm (hardwood and European softwood), 0.8mm (European softwood). Other veneer thicknesses on request. The SAUNABOARD from J Grabner sets new standards in design. Very many types of wood as well as embossed optics are available in the standard range.

**WARRANTY**
Outstanding quality requires outstanding service. For this reason we give a 10 year warranty on the gluing on our SAUNABOARDS for the private sector and a warranty of 12,000 hours of operation for commercial or public saunas with corresponding registration (see Warranty Statement).

**PROCESSING**
For fixing the SAUNABOARDS we recommend a combination of gluing and screwing the board elements (panels). Due to the great variety of sauna constructions, with a different method of fixing we advise the person performing the work to check this beforehand and to continue working accordingly. For softwoods, thick veneering as well as old woods we recommend brushing the boards before installation, in order to prevent these woods from splintering and flaking off later.

**ADVANTAGES**
- many design options (large and small panels)
- large selection of wood types and surface structures
- no emitting pollutants in the gluing according to test certificate ÖNORM 6219-1
- high screw retention for optimal fixing
- large formats (optimisation, less waste than small formats)
- warranty – our extras service
- pallet size: 36 units
StoneslikeStones sauna board is the first thin slate genuine stone sauna panel that withstands the extreme conditions found in a sauna and that will not emit formaldehyde (except for the natural wood contained in the substrate plate) even in sauna temperatures. The StoneslikeStones sauna board fulfills the strict ÖNORM M6219-1 requirements (refer to indoor pollutants analysis certificate/Tappler). This new sauna panel is the result of a cooperation between the company J Grabner and the company StoneslikeStones, the experts in this area.

2390 x 1190 mm
16 mm
6 stone surfaces in the standard program (more than 20 variants available)
The sauna board is bonded to the StoneslikeStones thin slate panel as follows:
D4 of the latest generation in accordance with DIN EN 314 part 2 class 3. The bonding quality has been tested in terms of waterproofness and temperature resistance under laboratory conditions for suitability for use in saunas over a significant period.

High-quality sauna, infrared, heat cabin or wellness facility construction (interior finishing of the cabins). With appropriate subsequent drying and ventilation, also suitable for use in BIO or evaporator saunas (max. 60 – 70% humidity in the short term). Not suited for wet cells and steam chambers (100% humidity). Can also be used in the oven area (observe clearance specifications of the manufacturer).
Plywood structure (rotary cut veneer) made from European aspen (no exotic wood!)
StoneslikeStones thin slate genuine stone of 1.0 – 1.4 mm strength.
Total top layer strength 1.5 – 2 mm.
Substrate layer made of fibre glass and resin to ensure stability of the stone.
StoneslikeStones sauna boards can be cut using the normal cutting systems (tool life of saw blades will be reduced compared to normal sauna boards without thin slate top layer). For fastening the sauna boards, we recommend a combination of bonding and screwing of the panel elements. As sauna structures of different fabricators vary, we recommend to check this in advance if a different type of attachment is used and to adapt the finish accordingly.

- many design options
- wide choice of genuine stone surfaces
- processing at company’s own workshop ready for installation. No laying of tiles or grouting on the construction site. Easy bonding and screwing of the panel
- large format – 2390 x 1190 mm (e. g. no joint from the rear panel to the bank)
- suited for saunas (temperature and humidity resistant bonding)
- free of formaldehyde (except for the natural wood contents – tested according to ÖNORM M6219-1) 7. Interior layer made from compact aspen wood (sauna wood) thus high screw pull-out strength for optimal fastening
- no exotic wood – resource friendly (substrate plate)
- same thickness as the sauna board – no joints as with tiles or stone
WETBOARD THIN SLATE

GENERAL INFORMATION
Genuine stone – indispensable for steam cabins, steam baths and in shower areas. The Wetboard StoneslikeStones is a water-resistant thin slate genuine stone panel that is 100% water-proof and steam-resistant. This new panel is the result of a cooperation between the company Grabner and the company StoneslikeStones, the experts in this area.

FORMATS
2390 x 1190 mm

THICKNESS
approx. 16.5 mm

SURFACES
6 stone surfaces in the standard program (more than 20 variants available)

BONDING
N314 class 3 – water-resistant bonding. The bonding quality in respect of water resistance, steam and temperature resistance has been proved in long-term tests under laboratory conditions for steam baths and wet areas.

SCOPE OF APPLICATION
All areas with humidity of up to 100% – these include showers (in the wet area), steam baths, steam cabins and mist saunas, such as:
- Hammam (Turkish steam bath)
- Sentó (Japanese steam bath)
- Temazcalli (Mexican sweat lodge)
- Banja (Russian steam bath)
- Caldarium (Roman steam bath)

Not suited for use inside saunas – our SAUNABOARD StoneslikeStones has been specially designed for these!

INNER LAYER
POLYURETHANE rigid foam board (15 mm)
- Durable, boil-proof and hard
- Can withstand mechanical stress
- Extremely gluing friendly (e.g.: 1- or 2 K-PV systems, PVAc)
- Light-weight
- Well screwable
- Processing-friendly
- Temperature-resistant
- Chemical-resistant
- Highly humidity-resistant – under constant humidity exposure
- Virtually no thickness swell
- Biologically safe and ecological building material
- Absolutely rot-resistant
- Mould and fungus resistant
- Recyclable
- Approved according to building regulations

TOP LAYER
StoneslikeStones thin slate genuine stone of 0.1 – 1.4 mm strength. Total top layer strength 1.5 – 2 mm. Substrate layer made of fibre glass and resin to ensure stability of the stone.

PROCESSING
The Wetboard StoneslikeStones can be cut using the normal cutting systems (tool life of saw blades will be reduced compared to normal sauna boards with veneer layer). For fastening the Wetboards, we recommend a combination of bonding (PU adhesive) and screwing of the panel elements. As cabin structures of different fabricators vary, we recommend to check this in advance if a different type of attachment is used and to adapt the processing accordingly.

IMPREGNATION OF THE SURFACE
The panels are delivered in untreated condition. We recommend impregnation of the stone surface (e.g. 2K sealing for wall and floor areas) to prevent water and limescale stains. Please observe the processing instructions of the manufacturer StoneslikeStones. For areas exposed to minor stress and private households, we recommend the use of a water-based impregnating agent (SlateLite special impregnator). The new and improved SlateLite Pearl Protection is available for the wet area. It is especially recommended for shower and wet areas as the pearl effect produces an easy-to-clean layer on the stone surface.

CLEANING
Exposure to water and light may result in the formation of limescale and algae deposits on the stone surface. We recommend the SlateLite stone care agent from the company StoneslikeStones for cleaning the slate.

ADVANTAGES
- work time savings – The parts can be finish-processed at the workshop and then mounted on site
- only a few panels are required for a steam cabin
- processing at company’s own workshop ready for installation
- no time-consuming laying of tiles or grouting on the construction site
- easy bonding and screwing of the panel
- large format – 2390 x 1190 mm
- wide choice of genuine stone surfaces
- many design options

WETBOARD - NOT EVEN WATER CAN WEAR US OUT
Benchboard & Benchboard Plus

General Information
Curved benches or backrests are almost indispensable in modern designer saunas. Here you can emphasise great features. Mill your benches in all imaginable forms. This special plywood board is glued with our formaldehyde-free saunaboard glue, which does not emit any formaldehyde even at sauna temperatures of 90°C. The Benchboards are available with continuous peeled Aspen veneer or with continuous peeled Aspen veneer and sliced Aspen veneer top layer.

Formats
Benchboard: 1250 x 2800mm
Benchboard Plus: 2800 x 1250 mm

Thickness
Benchboard: 30 mm and 40 mm
Benchboard Plus: 31 mm and 41 mm

Quality
Benchboard: Aspen SF 2/3
Benchboard Plus: Aspen MF A/B

Joining Method
Benchboard: Laid veneers
Benchboard Plus: Sliced veneer top layer joined in solid character

Gluing
D4 the latest generation acc. DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

Scope of Application
Can be used for benches, backrests in the construction of high-quality sauna-, infrared-, heat cabin- or wellness centres (interior fittings of the cabins). Also for BIO- or steamer saunas with corresponding afterdrying and ventilation of the facility (max. short-term humidity 60 – 70%). Not suitable for wet rooms and steam chambers (100% humidity).

Inner Layer
Plywood structure made from European Aspen (no exotic wood!). FSC® as well as PEFC™ certified veneers can be provided on request.

Top Layer
Benchboard: Aspen peeled veneer approx. 1.8 mm
Benchboard Plus: Aspen sliced veneer approx. 0.6 mm

Processing
Inclusions of branches may occur in the inner layers. This is normal for peeled veneer and visible parts can be scratched out and filled. Boards that are absolutely free of inclusions cannot be produced. The top layer veneers made of peeled veneer as well as sliced veneer in visible quality are without dark inclusions.

Advantages
» many design options (round benches and backrests)
» inner layer made from compact Aspen wood; as a result high screw retention for optimal fastening; optimum strength also for benches
» no exotic wood – preserving resources (carrier board)
» FSC® or PEFC™ certified on request
Due to its plasticity and transparency, the “SAUNABOARD DUKTA®” offers many optical as well as acoustic benefits. Particularly in large hotel saunas, public or commercial saunas, the boards are distinguished by their sound-absorbing effect. With these boards the surface proportion of the wood is also increased (through milling).

This also has a very positive effect on the sauna climate. (e. g. with many glass surfaces) By means of the special in-cutting process one achieves a high degree of flexibility of the boards. (e. g. arched, curved wall- and ceiling elements – available in many wood types!)

2500 x 1250 mm, useful area: 2350x1200 mm
16 mm (other thickness on request)
A/Blind
Front side A = visual quality
Back side Blind = blind veneer without quality standard
Sliced veneer top layer joined in solid character
D4 the latest generation according to DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

High-quality sauna-, infrared- and heat cabins or wellness facility construction (interior design of the cabins). Wave-shaped, curved, rounded ceiling- and wall elements; backlight walls; back rests, head supports, bench paneling, privacy screen, indirect lighting.

Can also be used for BIO- or evaporator saunas with appropriate final drying and ventilation of the system (short-term max. 60 – 70% humidity). Not suitable for wet cells and steam chambers (100% humidity).

Plywood structure (peeled veneer) made from European alder (no exotic wood!)
Sliced veneer top layers standard approx. 0.6mm (hard wood), 0.8mm (soft wood). Other veneer thicknesses on request. Very many types of wood available.
Oak, hemlock, aspen, American walnut; other types of wood on request.

Outstanding quality requires outstanding service. We therefore give a 10 year guarantee on the gluing on our sauna boards for the private sector and a 12,000 operating hours guarantee for commercial or public saunas with appropriate registration (see guarantee declaration).

To fix the sauna boards we recommend a combination of gluing and screwing of the board elements (panels). Due to the variety of sauna constructions, with a different method of fixing we advise the construction worker to check this beforehand and continue processing accordingly.

For soft woods, thick veneering as well as old woods, we recommend brushing the boards before installation, to prevent subsequent shaling and splintering of these woods.

- very appealing look - many design options; round benches, curved ceilings
- acoustics - in large saunas, due to the high absorption values one achieves an optimum spatial experience with fascinating look, curved or wavy - “SAUNABOARD DUKTA®” achieves the highest absorption values!
- also available as finished ceiling, wall elements or finished part on request!
- no emitting pollutants in the gluing according to test certificate ÖNORM 6219-1
- Inner layer made from compact alder wood; consequently high screw retention for optimum fixing
- no exotic wood – conserving resources (carrier board)
- Guarantee – our extra service
Fragrance, Look and Feel are the essential features of the SAUNABOARD Organoid®. Bring nature into the sauna, e.g. with “Alpine pasture hay” – and that free of allergens, with or without blossom content, fixed with pollutant-free bonding agent, glued to sauna boards, tested according the strict ÖNORM 6219-1, this board emits no formaldehyde (apart from the natural contents of the wood).

2800 x 1250 mm  2500 x 1250 mm  
16 mm (other thickness on request)  approved board thickness

N/Blind Front side N = natural sorting grade, visual quality 
Back side Blind = blind veneer without quality standard

D4 the latest generation according to DIN EN 314 Part 2 Class 3. The gluing quality with regard to water resistance and temperature stability has been tested for sauna suitability under laboratory conditions over a significantly long period.

High-quality sauna-, infrared- and heat cabins or wellness facility construction (interior design of the cabins). We recommend the use only in the Finnish sauna area due to the low humidity. Can also be used as external cladding of the sauna or in the relaxation- and wellness area with normal humidity (40-55%).

Not suitable for wet cells, steam chambers and saunas with evaporator (100% humidity). (possible formation of mold!) Do not use near ovens! (brown- or black coloration of the hay or the plants is possible!)

Fragrance experience for a certain time! A great effect of this board! Depending on the number of running hours of the sauna, the fragrance will become weaker and weaker, we therefore recommend to install the boards in such a way, so that they can be replaced.

Just like everything natural in life, depending on the hours of operation and possible UV radiation, the look will change a little with time (darker or lighter, according to plant) – that is nature pure and simple!

The feel will remain even after years!

Plywood structure (peeled veneer) made from European aspen (no exotic wood!)

Hay-, blossom-, and stalk parts pressed with pollutant-free, humidity- and heat resistant bonding agents, available in many variants in the standard program. Or also available as design variant with special partial flocking on the sauna board structure. (on request!) 

Hay or blossoms are of course not as resistant to abrasion as wood, therefore please handle with care! Despite the bonding agent it can happen that small crumble away. To fix the sauna boards we recommend a combination of gluing and screwing of the board elements (panels). Due to the variety of sauna constructions, with a different method of fixing we advise the construction worker to check this beforehand and continue processing accordingly.

- many design options due to the great look (nature sauna)
- brings unique fragrances into the sauna
- possible combinations with timbers, with stone, with printed glass, etc.
- no emitting pollutants in the gluing according to test certificate ÖNORM 6219-1 
- Inner layer made from compact aspen wood (sauna wood); consequently high screw retention for optimum fixing 
- no exotic wood – conserving resources (carrier board)

In the middle of August we use the warm and dry days to harvest this year’s hay from our meadow. The meadow, which can be mown only once a year, is located at 1,700m above sea level near the Wildspitze, the highest mountain in Tyrol and can only be reached on foot.

Using elaborate handwork with scythe and rake the starting material for the deck WILDSPITZE is won, which takes two days of good weather and plenty of sun to dry well.

In the valley, the hay is cleaned and cut before it is then pressed into the end product in several layers and according to the exact formulation, while adhering to strict quality guidelines.

On sauna walls or simply for decoration purposes - there are no limits to the possibilities of application.

Saunaboards glued together with ORGANOID decks are tested and suitable for use in the Finnish sauna and comply with the Austrian sauna standard (ÖNORM 6219-1). The great thing about it: the ORGANOID WILDSPITZE deck with its natural scent appeals to the senses and takes us on a journey to the magnificent alpine world.