WALL & CEILING PROFILES (STP / STS4)
Grading applies exclusively to the visible section after installation.
VISIBLE SIDE: GRADE A | TONGUE / GROOVE & BACK

SAUNA BENCH BOARDS (SHP)
Grading applies to the better wide face and both longitudinal edges (3 visible sides).
3 VISIBLE SIDES: GRADE A | 1 UNDERSIDE: BACK

Grade A Quality Specification (Natural & Thermo Aspen)

The following details describe the quality and grading criteria applicable to the respective products at ex-works handover. BALTIC HOLZ acts as a works importer and wholesaler and is not the manufacturer of the goods. Statutory obligations as a distributor or importer remain unaffected.

1 Surface and Planing Features

Feature / Defect Type	Visible Side	Back Side
Hit and Miss	Not allowed	Allowed up to max. ½ of board width
Feed Roller Marks	Not allowed	Permissible if function is not impaired
Wane	Not allowed	Permissible if function is not impaired
Mechanical Defects	Not allowed	Permissible if function is not impaired
Surface Checks (Hairline Cracks)	Not allowed	Allowed
Deep / Through Longitudinal Shakes	Not allowed	Not allowed
End Checks	Max. 10 mm length allowed	Max. 10 mm length allowed

2 Knots and Natural Wood Characteristics

Knot & Natural Type	Visible Side (Grade A)	Back Side
Pin Knots	Allowed up to max. Ø 3 mm (unlimited number)	Allowed
Knot Holes	Not allowed	Allowed if not through the whole board
Dead / Black Knots	Not allowed	Allowed if not through the whole board
Sound, Healthy Knots	Allowed	Allowed
Broken / Cracked Knots	Not allowed	Allowed
Mineral Streaks	Allowed up to max. 30 mm length	Allowed
Natural Structures Around Knots	Allowed	Allowed
Bark Inclusions / Scars	Not allowed	Allowed

3 Color, Biological and Drying Features

Feature	Visible Side / Top	Back Side
Natural Aspen Color Variation	Allowed if color is uniform throughout the board	**Allowed**
Thermo-Aspen Color Tone	**Thermally induced natural color variations and batch nuances are typical of the material**	**Allowed**
Rot, Mould, Blue Stain	**Not allowed**	Max. 5% of surface area allowed
Insect / Worm Holes	**Not allowed**	**Not allowed**
Moisture Content (Factory Reference)	Natural Aspen: approx. 12% · Thermo-Aspen: 4 – 6% (factory kiln-dry state prior to atmospheric exposure)	

4 Geometry and Warping Limits (at ex-works handover)

Warp Type	Bench Boards (SHP)	Wall Panels (STP / STS4)
Twist	Max. 6 mm / m	Max. 9 mm / m
Bow (Face deflection)	Max. 15 mm / m	Max. 25 mm / m
Spring / Crook (Edge deflection)	Max. 6 mm / m	Max. 10 mm / m
Cupping	Max. 2.5% of respective board width	

5. Reference Values at Ex-Works Handover

BALTIC HOLZ

- **Thickness:** ±0.5 mm
- **Length:** +10 mm / -3 mm per meter
- **Cover Width:** ±2.5% of nominal width
- **Sorting Deviation:** Industry-standard tolerance up to 5% per batch

Information on Natural Timber, Transport, and Goods Inward:
The above reference values describe the condition of the goods at ex-works handover from the production plant. Timber is a natural, hygroscopic material. Transport, interim storage, temperature, and relative humidity naturally influence timber moisture, dimensions, and shape after handover.

BALTIC HOLZ assumes no warranty or assurance that the reference values described at ex-works handover remain unchanged after transport or extended storage, unless expressly agreed upon in writing. Goods must be properly stored dry and protected from weather.

Notice of Defects: The buyer must inspect the goods immediately upon delivery. Apparent defects must be reported without undue delay and, where reasonably practicable, prior to cutting or installation (§ 377 HGB).