



| Numero | Stück | Name | Material | Schnittklasse | Höhe | Breite | Länge | Gruppe |
|--------|-------|---------|----------|---------------|------|--------|-------|--------|
| | | | | | cm | cm | m | |
| 1 | 20 | Sparren | NH | II | 18,0 | 12,0 | 5,349 | |
| 2 | 1 | Sparren | NH | II | 18,0 | 12,0 | 5,349 | |
| 3 | 3 | Sparren | NH | II | 18,0 | 12,0 | 2,207 | |
| 4 | 1 | Sparren | NH | II | 18,0 | 12,0 | 1,955 | |
| 5 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,009 | |
| 6 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,502 | |
| 7 | 6 | Sparren | NH | II | 18,0 | 12,0 | 5,349 | |
| 8 | 1 | Sparren | NH | II | 18,0 | 12,0 | 4,559 | |
| 9 | 1 | Sparren | NH | II | 18,0 | 12,0 | 4,164 | |
| 10 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,509 | |
| 11 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,502 | |
| 12 | 1 | Sparren | NH | II | 18,0 | 12,0 | 1,809 | |
| 13 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,207 | |
| 14 | 1 | Sparren | NH | II | 18,0 | 12,0 | 3,596 | |
| 15 | 1 | Sparren | NH | II | 18,0 | 12,0 | 4,166 | |
| 16 | 1 | Sparren | NH | II | 18,0 | 12,0 | 3,596 | |
| 17 | 1 | Sparren | NH | II | 24,0 | 18,0 | 5,837 | |
| 18 | 1 | Sparren | NH | II | 18,0 | 12,0 | 3,854 | |
| 19 | 1 | Sparren | NH | II | 18,0 | 12,0 | 4,698 | |
| 20 | 1 | Sparren | NH | II | 18,0 | 12,0 | 5,551 | |
| 21 | 1 | Sparren | NH | II | 18,0 | 12,0 | 5,954 | |
| 22 | 1 | Sparren | NH | II | 18,0 | 12,0 | 2,433 | |

general information

module name hsbBSH / hsbPBA

target group Gluelam production and -construction, timberframers, housebuilders, Architects,
fields of application production of laminated / curved timber, construction with laminated / curved timbers, Hall builders, Bridge builders, CNC-files for CNC-Machines (e.g. Hundegger PBA)

system requirements hsbTIMBER
 for further Information see data sheet hsbTIMBER

features

- general features** **All in One:** object oriented solution for 3D-CAD/CAM from architecture to cnc open and scalable CAD-System through AutoCAD® and AutoCAD Architecture®
 One Intelligent 3D model for any kind of timber construction
 Throughput dataflow (architectural design ↔ manufacture design ↔ production plan)
 Advanced editing of each single object (beams, sheets, metalparts, tools)
- curved timber definition** the specification of curved timbers follows the possibilities of predefined schemes or threw selection of free 2D-AutoCAD polylines
- parameters of curved timbers** thickness of lamellas
 specification of bulks of lamellas with according raw length or according over length
 definition of quality of wood – assigning of different qualities to the whole height of the curved timber
 raw length and width of lamellas
 glue amount in g/m²
- shop drawing laminated timber** multiple variations for the visualization and the content of the curved timber shop drawing
- further features** free moving, copying, rotating, mirroring of objects
- output** Dynamic drawing including all informations of lamellas, press points etc.
 collision-check for timbers and drill holes
 bills of material based on MS Excel
 optional: CNC-data (e.g. Hundegger PBA) – simulation of the complete machining process within hsbCAD/AutoCAD including Postprocessor for PBA
- further notes** works together with dynamic macros written in hsbTSL
 optional: Export to RSTAB from DLUBAL for structural calculation
- compatible with** hsbTIMBER, hsbWALL, hsbPANEL, hsbLOG, hsbELEMENT

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