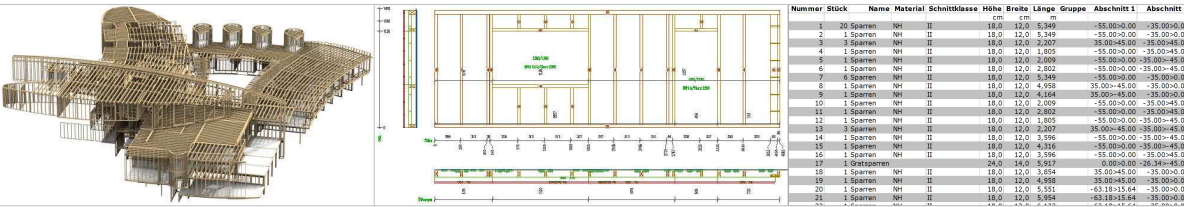




hsbCAD

an ITW-company

Autodesk
Preferred Industry Partner
AutoCAD[®] Architecture



Nummer	Stück	Name	Material	Schnittklasse	Höhe	Breite	Länge	Gruppe	Abschnitt 1	Abschnitt 2	
				[mm]		[m]					
1	20	Sparren	NH	II	18,0	12,0	5,349		-55,00+0,00	-35,00+0,00	
2	1	Sparren	NH	II	18,0	12,0	5,349		-55,00+0,00	-35,00+0,00	
3	3	Sparren	NH	II	18,0	12,0	2,207		35,00+45,00	-35,00+45,00	
4	1	Sparren	NH	II	18,0	12,0	1,903		-55,00+0,00	-35,00+45,00	
5	1	Sparren	NH	II	18,0	12,0	2,009		-55,00+0,00	-35,00+45,00	
6	1	Sparren	NH	II	18,0	12,0	2,002		-55,00+0,00	-35,00+45,00	
7	6	Sparren	NH	II	18,0	12,0	5,349		-55,00+0,00	-35,00+0,00	
8	1	Sparren	NH	II	18,0	12,0	4,559		35,00+45,00	-35,00+0,00	
9	1	Sparren	NH	II	18,0	12,0	4,164		35,00+45,00	-35,00+0,00	
10	1	Sparren	NH	II	18,0	12,0	2,009		-55,00+0,00	-35,00+45,00	
11	1	Sparren	NH	II	18,0	12,0	2,002		-55,00+0,00	-35,00+45,00	
12	1	Sparren	NH	II	18,0	12,0	1,803		-55,00+0,00	-35,00+45,00	
13	1	Sparren	NH	II	18,0	12,0	2,207		35,00+45,00	-35,00+45,00	
14	1	Sparren	NH	II	18,0	12,0	3,596		-55,00+0,00	-35,00+45,00	
15	1	Sparren	NH	II	18,0	12,0	4,164		-55,00+0,00	-35,00+45,00	
16	1	Sparren	NH	II	18,0	12,0	3,596		-55,00+0,00	-35,00+45,00	
17	1	Sparren	NH	II	24,0	18,0	3,917		0,00+0,00	-35,00+45,00	
18	1	Sparren	NH	II	18,0	12,0	3,854		35,00+45,00	-35,00+0,00	
19	1	Sparren	NH	II	18,0	12,0	4,098		35,00+45,00	-35,00+0,00	
20	1	Sparren	NH	II	18,0	12,0	5,551		-63,18+15,64	-35,00+0,00	
21	1	Sparren	NH	II	18,0	12,0	5,554		-63,18+15,64	-35,00+0,00	
22	1	Sparren	NH	II	18,0	12,0	2,455		-63,18+15,64	-35,00+0,00	

general information

- module name** hsbWALL
- target group** prefabricated housing manufacturers, stick-framers, architects
- fields of application** stick frame houses (timber, steel profiles), prefabrication of buildings
- 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)
- wall types database**
 - 100% user defined library
 - flexible definition of wall types, corners, T-connections and end of walls
 - define tools within details (e.g. sawlines, drillings)
- architecture**
 - Floorplan and building design for architecture and manufacturing
 - architectural stairs and dimensioning
 - High-End-Visualisation and photorealistic Images
 - Extensive Library for Architectural Design, e.g. Interior etc.
- production planning**
 - Integration with architectural design otherwise design walls elements with hsbFunctionality
 - user defined layout for representation of wall-elements
 - wall-elements are shown life from the 3d-model, not as derived 2d-drawings
- tools, edit-functions** see hsbTIMBER
- database** see hsbTIMBER
- output**
 - fully automatic shopdrawings (configurable)
 - 100% configurable layouts for floorplans, elementdrawings etc.
 - Editable Element drawings with automated dimensioning
 - clash detection for timbers and toolings
 - user defined bills of material based on Microsoft Excel (beams, plates, tools, metalparts etc.)
 - optional: CNC-data (e.g. Weinmann, Bautech, Hundegger)
- data-format**
 - output format for wall-elements is an open ASCII-format containing total information of a wall element. This format is utilised in creation CNC data, database output and production control
- further notes**
 - works together with dynamic macros written in hsbTSL
 - optional: Export of 3D-model to RSTAB for structural analysis
- compatible with** hsbTIMBER, hsbELEMENT, hsbLOG, hsbPANEL, hsbPC (ProductionController), hsbBSH

errors, changes and omissions excepted