



## POST & BEAM

Create post & beam constructions – to the millimetre – in 2D and 3D space.

Perfect for visualising an architectural plan and for developing a layout for post & beam manufacture.

### ☰ Key Features

hsbcad WALL transforms your AutoCAD® Architecture drawing into hsbcad's 3D building model. Here are the program's key capabilities:

#### ✓ All Standard beams:

Rafters, Plates, Hip-/Valley rafter, Ridge, Post, Brace, etc.

#### ✓ Every beam has associated **intelligent information** which can easily be used for a direct bill of materials, produce automatic shop drawings and send to CNC interfaces.

**Add intelligence** to every part of the construction and export to a required format

#### ✓ Contains a library with:

- Beam types: ridge, valley, hip, rafter,...
- Junctions: dovetail, tenon, lap joints,...

You can expand your library with your own **catalogue** of custom beams, materials, connections and tools.

#### ✓ Use **dynamic commands** such as: split-, join-, stretch-, cut- beams, ..

#### ✓ Roof calculation

based on construction information on plans or even the locations of the roof tiles.

#### ✓ Detects collisions

already in the design process.

#### ✓ **Intelligent position numbering:**

keeps the established position numbers even if the construction has changed, and also avoids overlapping of numbers.

#### ✓ Basic **texture** can also be added to the visualised result.

### 🚩 End Result

The data (or a selection of it) that you develop with hsbcad POST & BEAM can be exported to:

- A reporting engine such as: Excel, Access, Jasper, PDF, ...
- CNC information (Hundegger, Weinman, ...)
- Shop drawings in a customisable manufacturing format

## ✘ System Requirements for hsbCAD

<b>Operating System</b>	<p><b>Recommended:</b> 64-bit Microsoft® Windows 7, 8.1 or 10 (with appropriate service packs)</p> <p><b>Minimum:</b> 64-bit Microsoft Windows 7</p>
<b>CPU Type</b>	<p><b>Recommended:</b> Intel® Xeon® E5 or Core i7 or equivalent, 3.5 GHz or greater</p> <p><b>Minimum:</b> 64-bit Intel® or AMD, 3.0 GHz</p>
<b>Memory</b>	<p><b>Recommended:</b> 16 GB RAM or more</p> <p><b>Minimum:</b> 8 GB RAM for smaller drawings</p>
<b>Disk</b>	<p><b>Recommended:</b> SSD – Solid State Disk 500Gb or greater</p> <p><b>Minimum:</b> Sufficient hard drive 256GB or greater</p>
<b>Graphics</b>	<p><b>Recommended:</b> Graphics card recommended by Autodesk. Nvidia Quadro M2000 or greater / AMD FirePro™ W5100 4GB or greater</p> <p><b>Minimum:</b> 1440x900 True Color video display adapter 128 MB or greater, Direct3D®-capable workstation class graphics card</p>
<b>Other</b>	<p>1440 x 900 or higher screen resolution</p> <p><b>Recommended:</b> 1920x1080 screen resolution</p> <p><b>Minimum:</b> 1440x900 screen resolution</p> <p>Internet connection for web downloads, updater and collaboration tools</p> <p>Google Chrome or Firefox internet browser</p>