



## ROOF & FLOOR

Set out the extent of your floor and roof areas, and then automatically calculate all the complex connections between the edges – resulting in complete elements.

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

### ☰ Key Features

#### ✓ Comprehensive library

with beams, sheeting and connection details

#### ✓ Design, orient, split, arrange element outlines,

and assign specific user connection details to the outline, to produce framed floors and roofs

#### Use general commands

Such as: split-, join-, stretch- walls and unique beams within a wall

**Easily add openings** (e.g. for stairs or windows)

### Detailing

#### ✓ Create your own library of edge details

via a graphical interface – designing the detail as you know it

#### ✓ Create a library of dynamic detail connections

at ridge, valley, hip, side, etc.; or use pre-determined standard libraries with details dedicated to the local market

#### ✓ Create dynamic details with variable adjusted values

that can be applied to many other connection conditions

### 🚩 End Result

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

- A reporting engine such as Excel, Access, Jasper, PDF, ...
- CNC information (Hundegger, Weinman, ...)
- Shop drawings in a customisable manufacturing format
- Real-time automated dimensioned wall panel layouts – customised by the user – showing live interactive views of the wall with bill of material for factory to manufacture.

## ✘ 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>