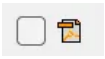
6.1.2 Modeling from PDF 1

Video Tutorial

Description

PDF

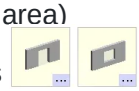
PDF points can be displayed via the control box in the status bar 

Ceilings and similar elements:

1. draw area
2. add or remove additional points --> modification toolbar & + or -
3. cut openings --> toolbar cut or cut through
4. convert surface into a volume --> modification toolbar
5. set Z-height in Modify area
6. define inclination
   - element converted into a mesh (modification toolbar)
   - Stretch individual points with key 7
   - Set the bend angle in the Modify area to 0 so that all 3 corners are visible. Then flip edges if necessary.

Walls:

1. catalog element wall use

2. two walls can be connected (modification toolbar) or an end angle can be defined (modify area)
3. add openings 
4. openings specially
- Model opening , weld if necessary
- Define volume as IFC type Opening (In the Modify area) and then select the wall as a connecting element

***Shortcut:** If several slabs have been modelled, the slabs can be cut with the touching walls. Activate all ceilings and press **key** **C** **+** **W** **+** **A**, then the ceilings cut volumes into the walls. This way the height of the walls does not have to be modelled individually.