



3D Disto Software
for Windows®

Leica 3D Disto Tutorial



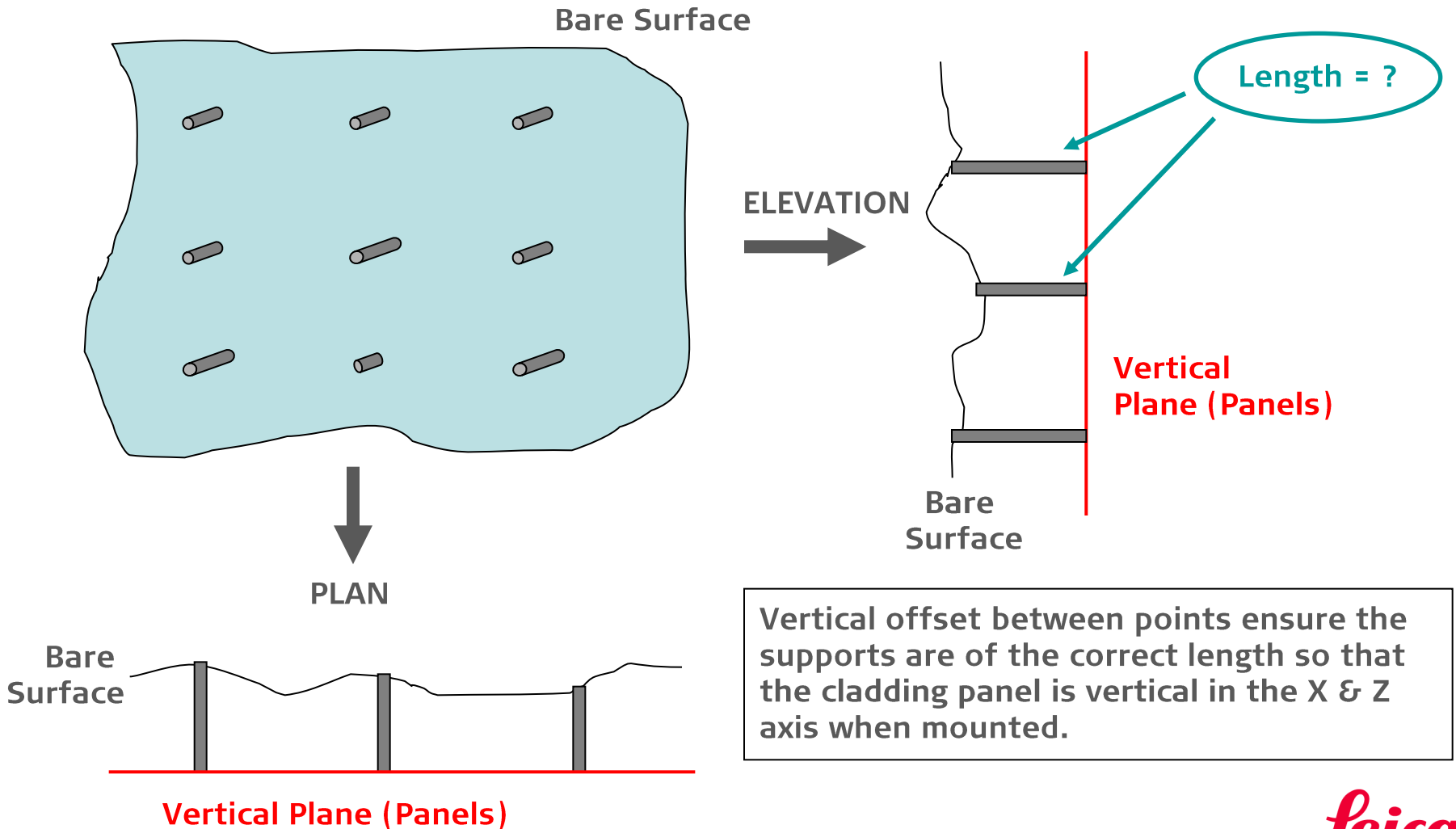
Wall Cladding

- when it has to be **right**



Wall Cladding Panels

Position and length of fasteners



- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

The Leica 3D Disto offers two solutions:

- A „Measure“ application if the position of the fixing points is variable

- B „Projector“ application if the position of the fixing points is preset



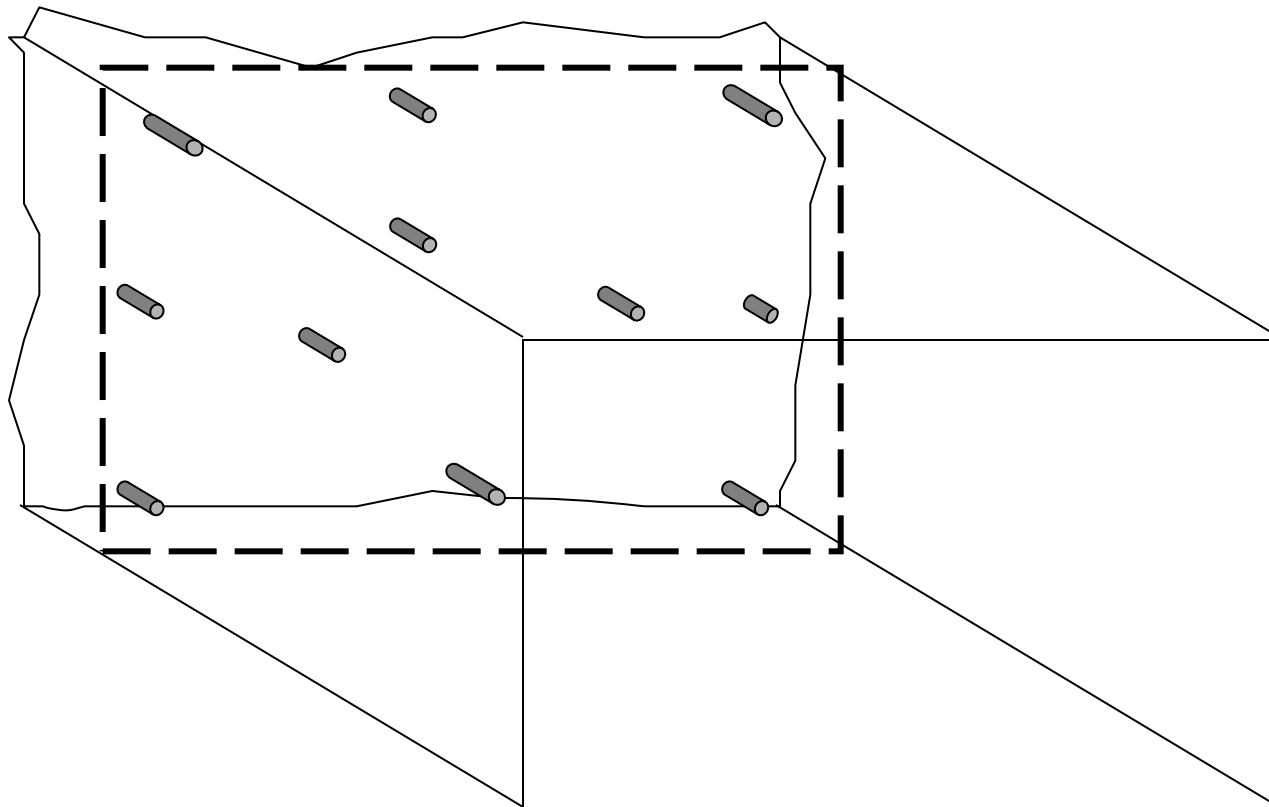
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application



- when it has to be **right**

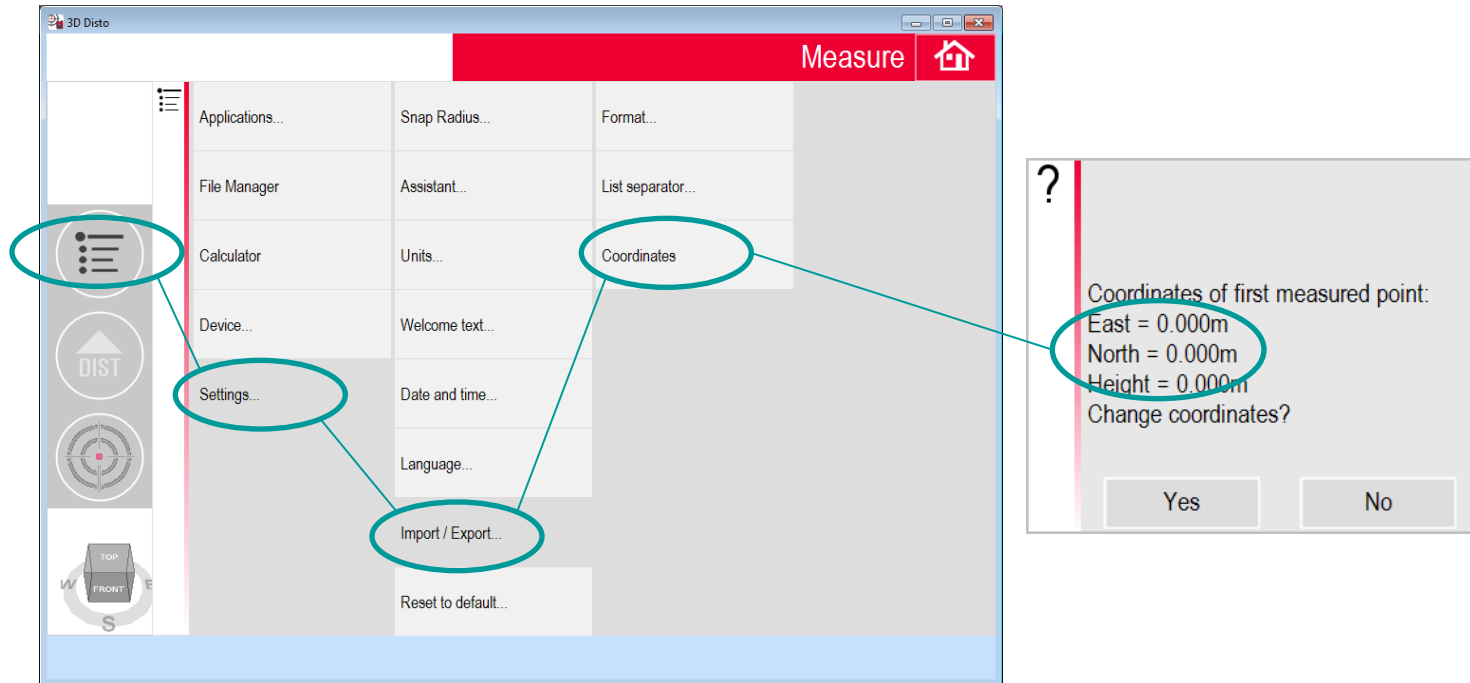
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- be sure to have the export setting for coordinates = 0.000»



- when it has to be **right**

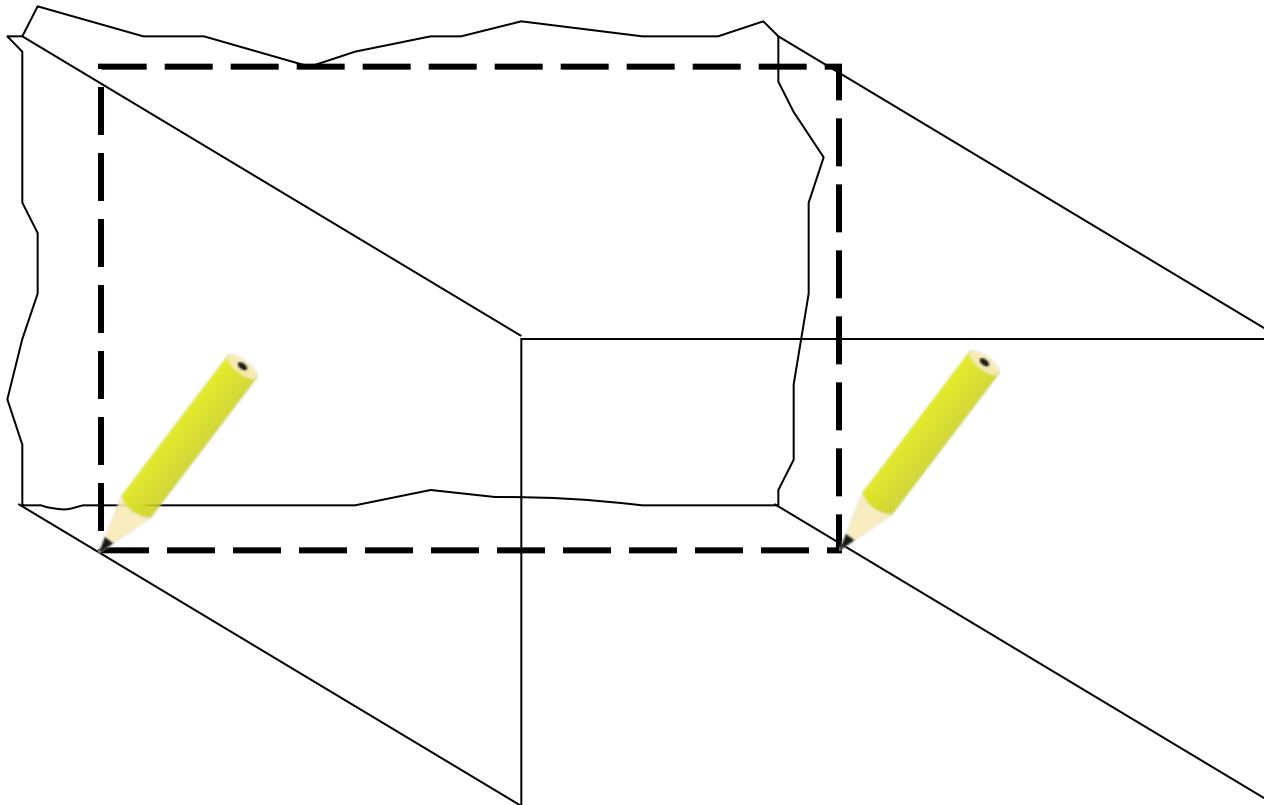
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- mark the position of the future wall



- when it has to be **right**

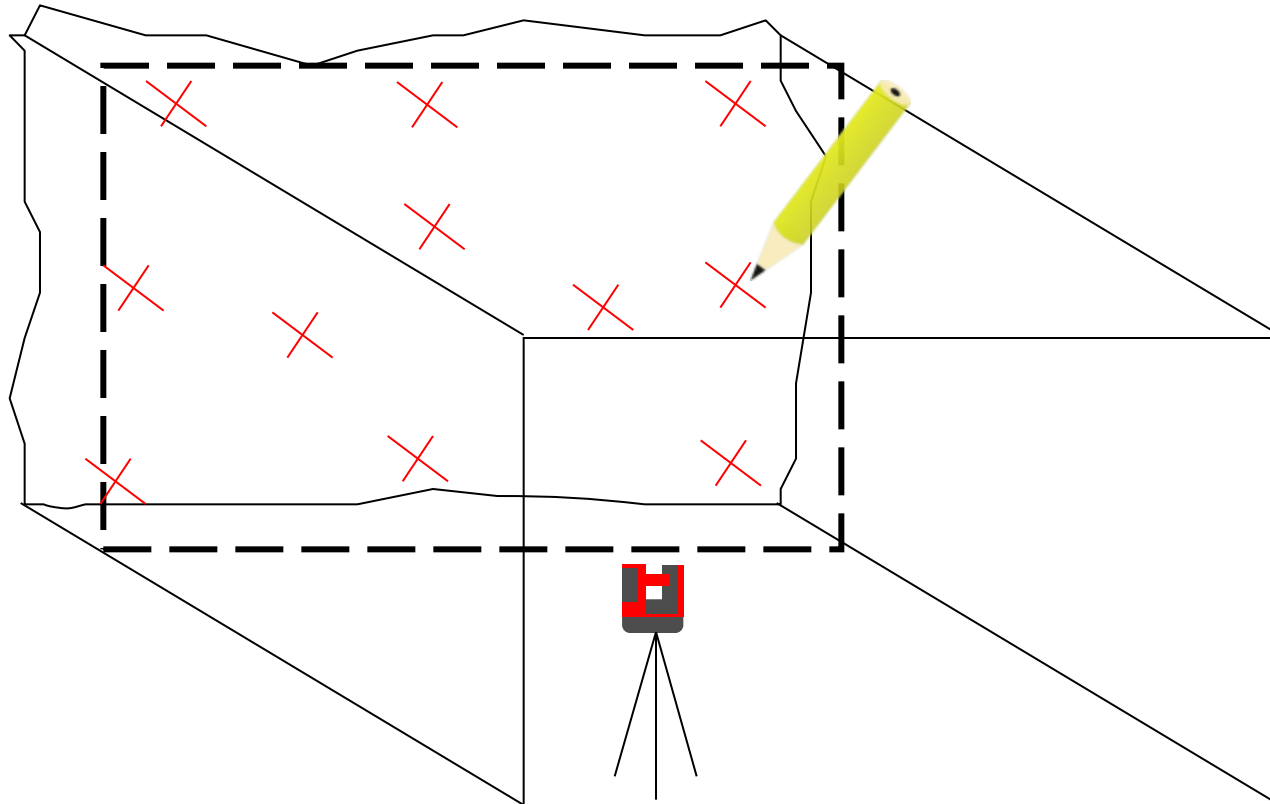
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- mark the position of the fixations



- when it has to be **right**

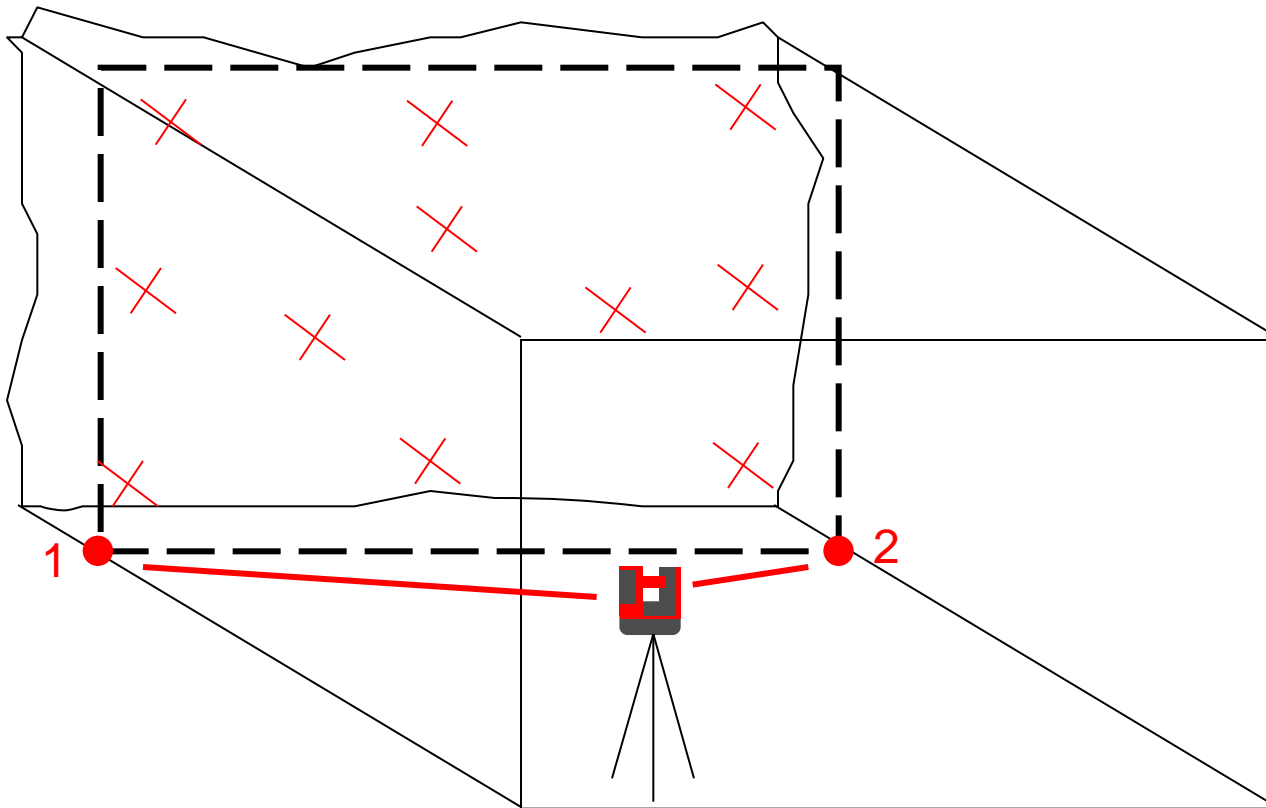
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- measure P1 left, P2 right on future wall position



- when it has to be **right**

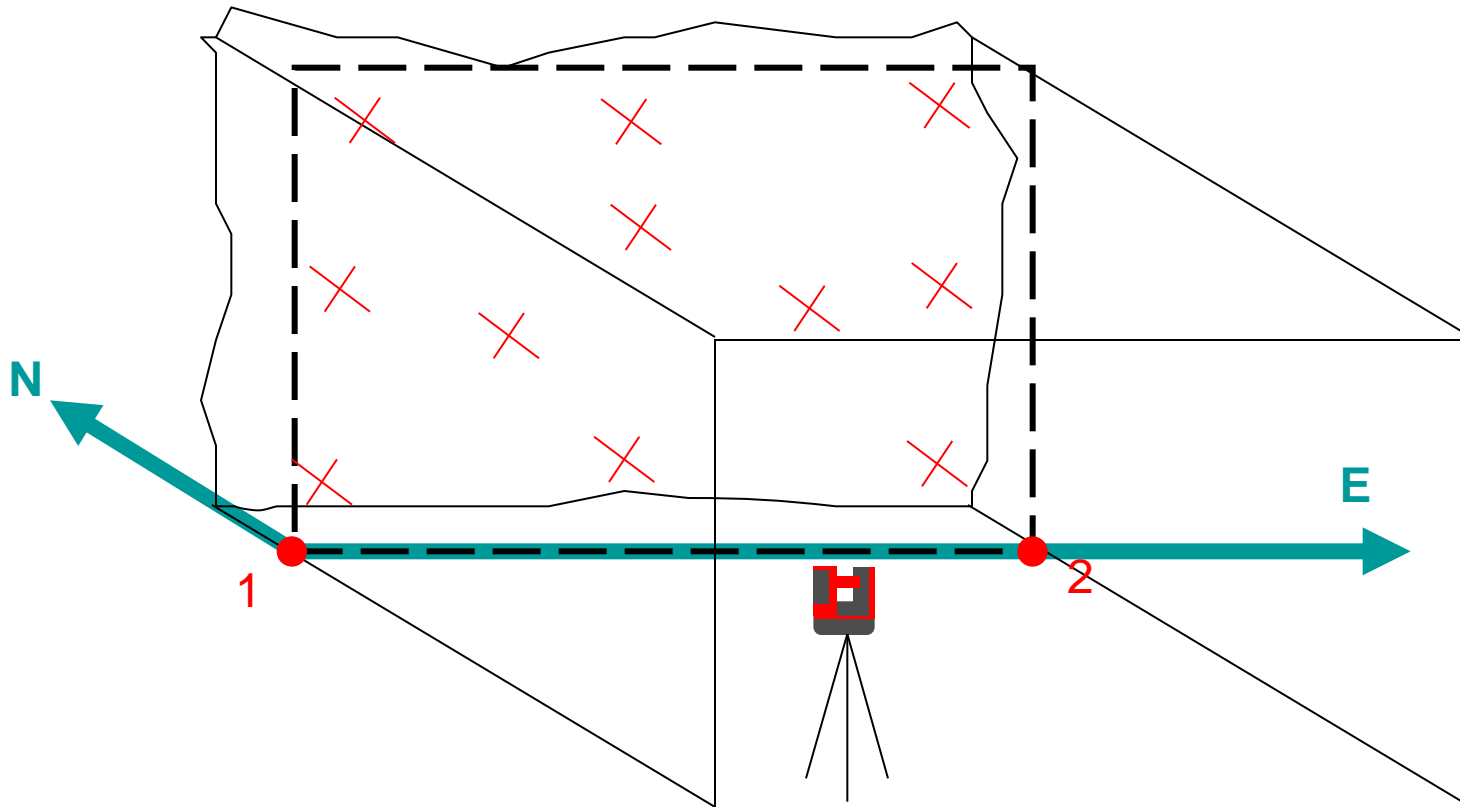
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- now the coordinate system fits to the future position of the wall



- when it has to be **right**

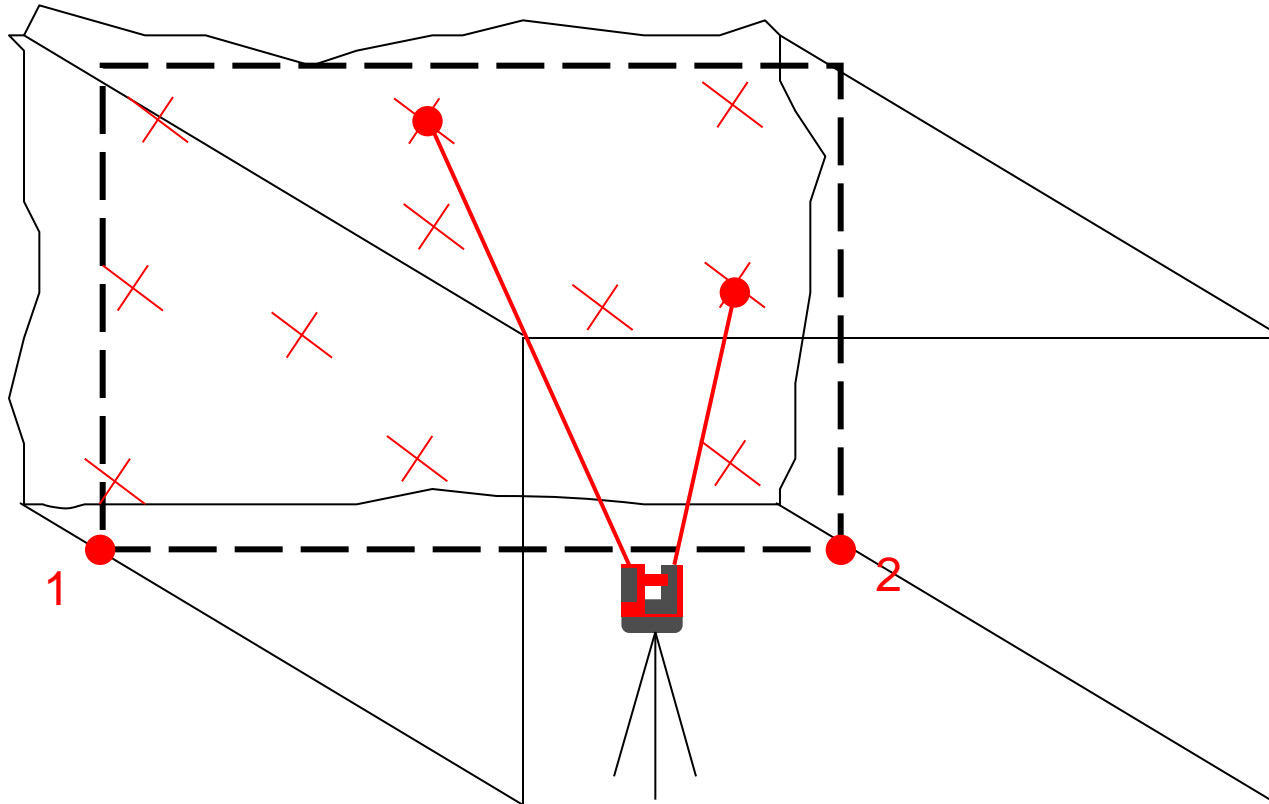
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- now measure each marked point on the wall
- save and export the measurement



- when it has to be **right**

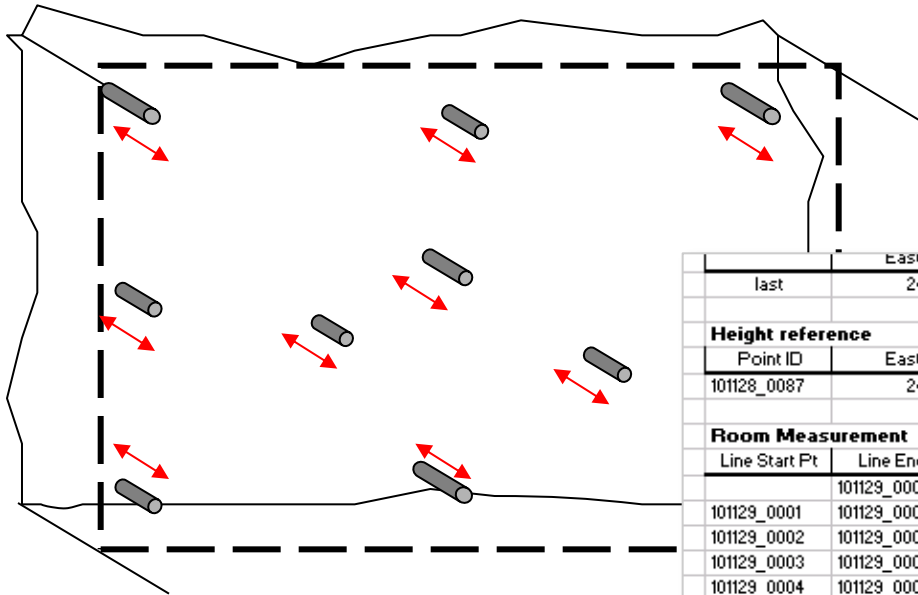
Wall Cladding Panels

Position and length of fasteners

A

Variable fixing point positions → «Measure» application

- open the CSV file in export folder
- column „N end point» contains **length of fixation**



	East	North	Height		
last	248.689	456.779	1.000		
Height reference					
Point ID	East	North	Height		
101128_0087	248.689	456.779	1.000		
Room Measurement					
Line Start Pt	Line End Pt	E end point	N end point	H end point	Angle left
	101129_0001	250.000	450.000	0.024	
101129_0001	101129_0002	252.587	450.000	0.082	
101129_0002	101129_0003	yyy.yyy	xxx.xxx	0.107	170.00
101129_0003	101129_0004	yyy.yyy	xxx.xxx	0.059	290.22
101129_0004	101129_0005	yyy.yyy	xxx.xxx	0.055	90.00
	101129_0006	yyy.yyy	xxx.xxx	1.058	

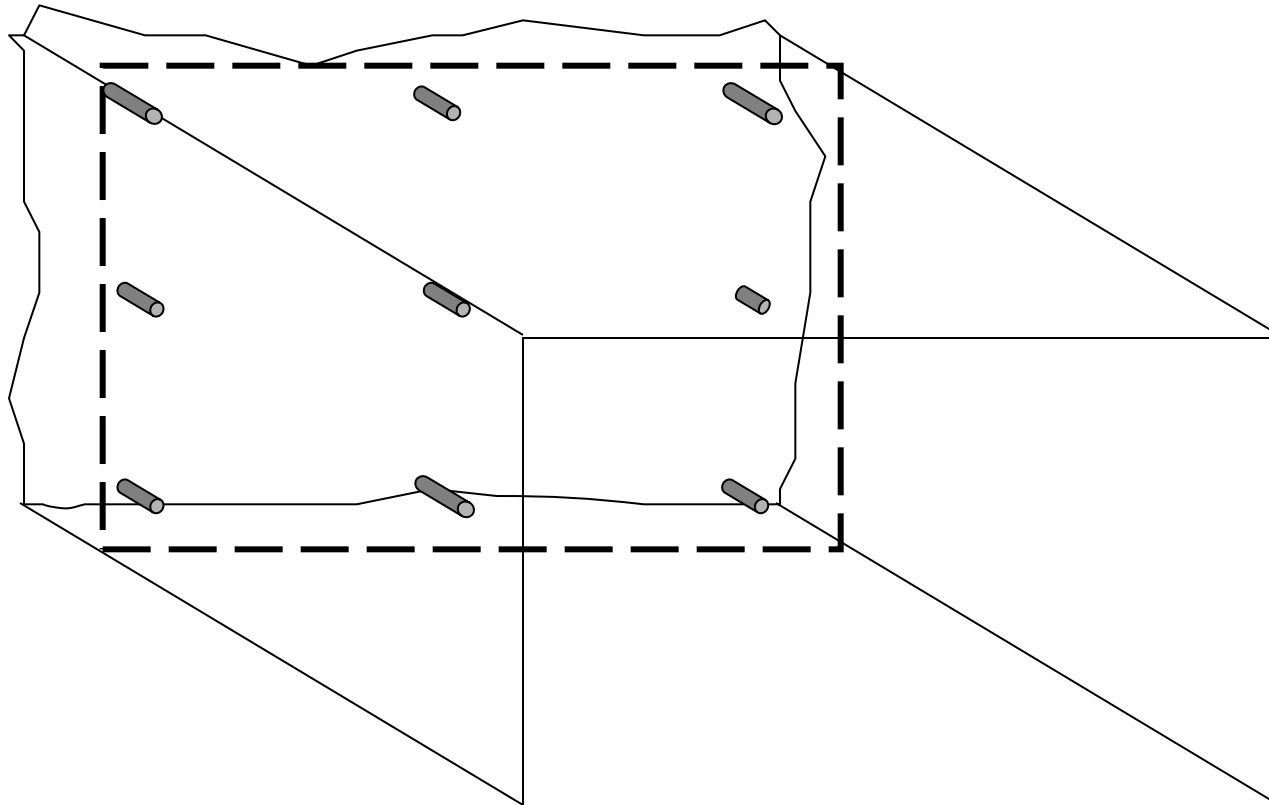
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

B

Pre-defined fixing point positions → „Projector“ application



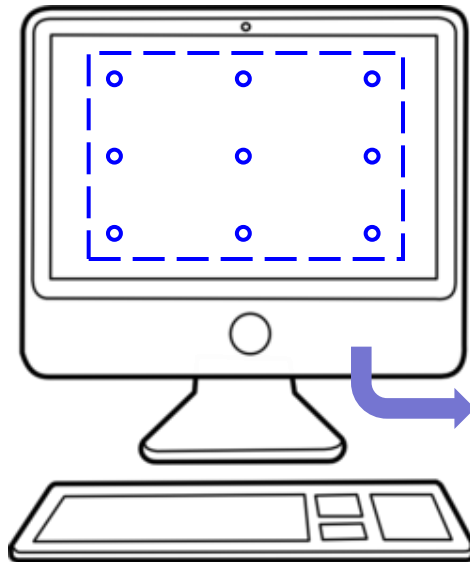
- when it has to be **right**

Wall Cladding Panels

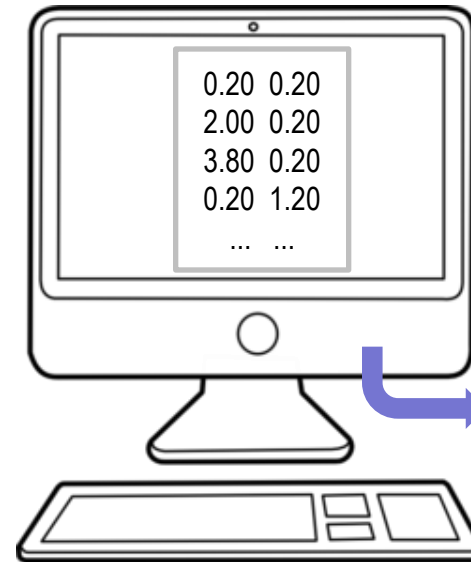
Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- define the position of the fixations on CAD and export to DXF
- alternatively write a CSV file with X/Y positions



export DXF



export CSV

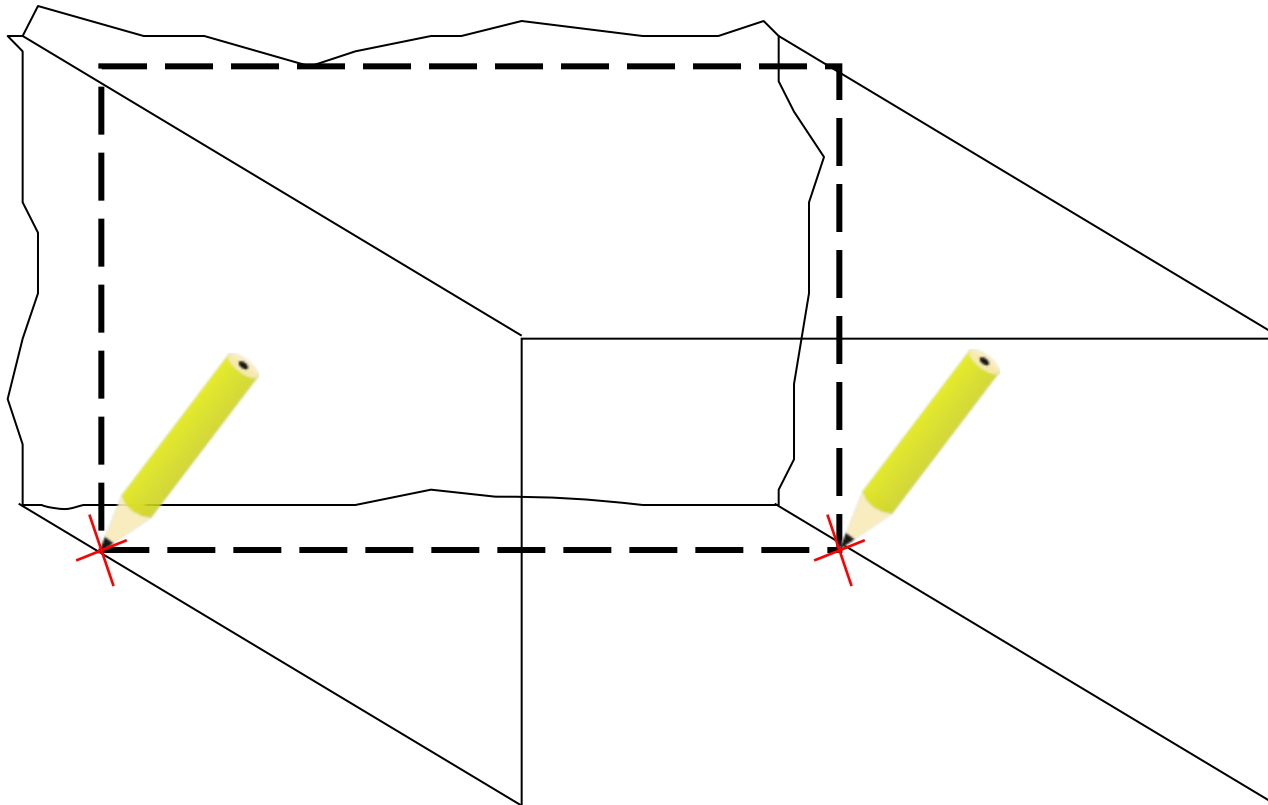
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- mark the position of the future wall.



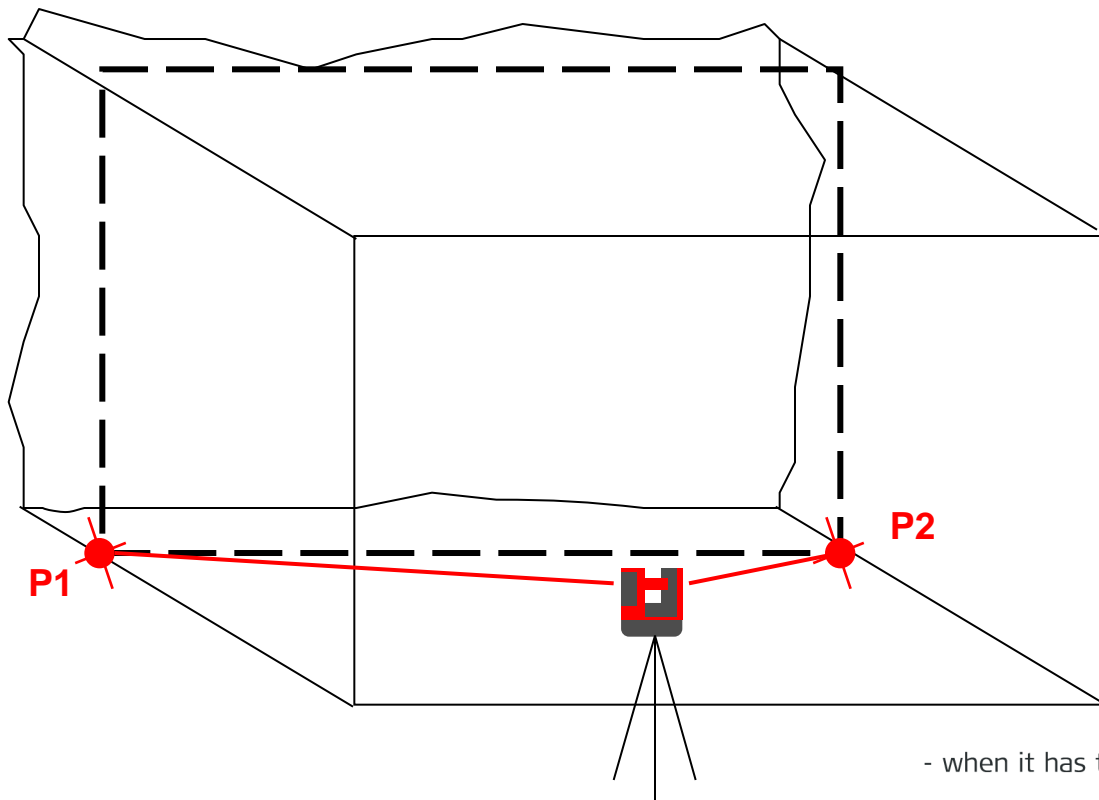
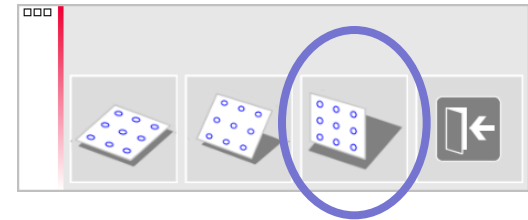
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- start Projector application „vertical“
- measure both marks



- when it has to be **right**

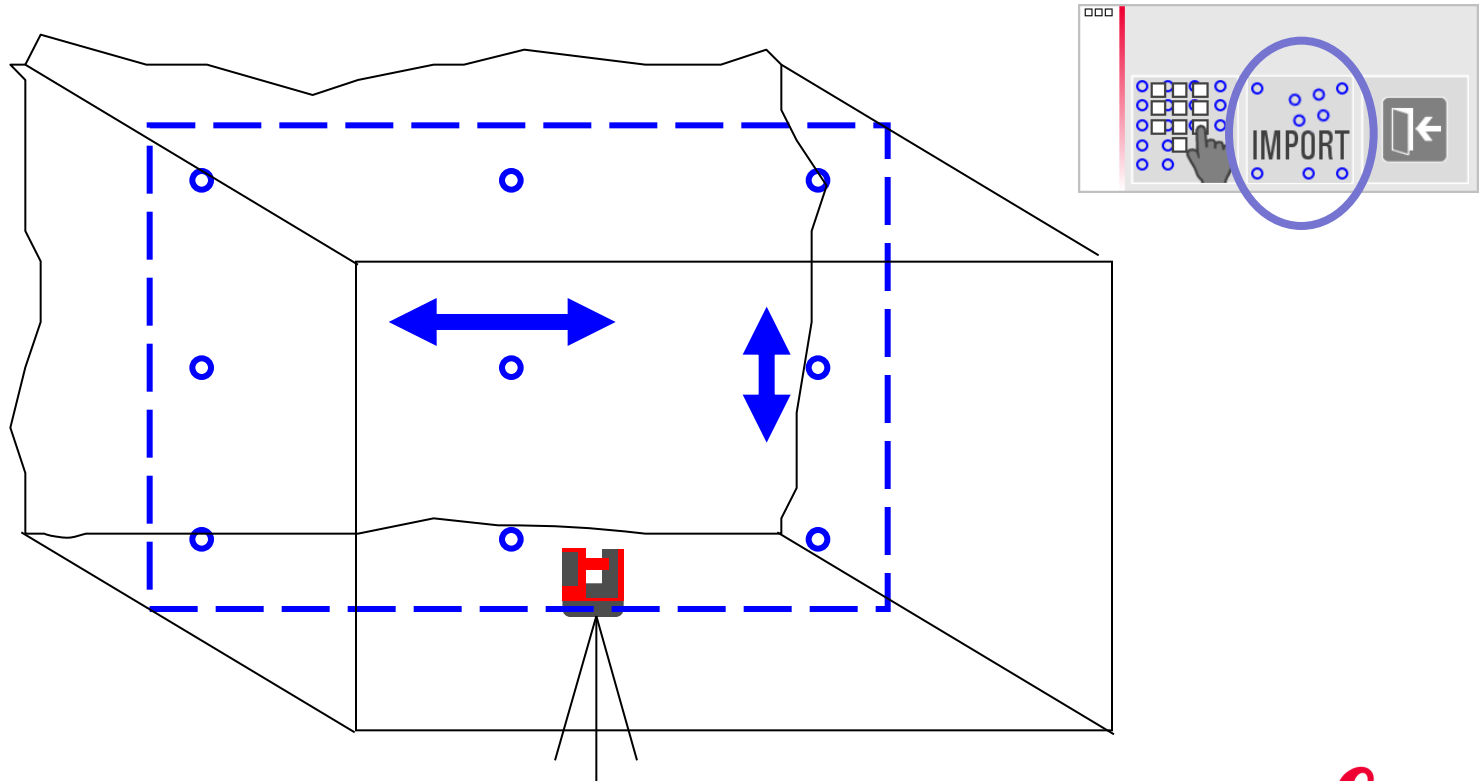
Wall Cladding Panels

Position and length of fasteners

B

Pre-defined fixing point positions → „Projector“ application

- copy the DXF or CSV file to the 3D Disto's import data folder on your desktop
- move the import data to the correct position on the screen, press checkmark



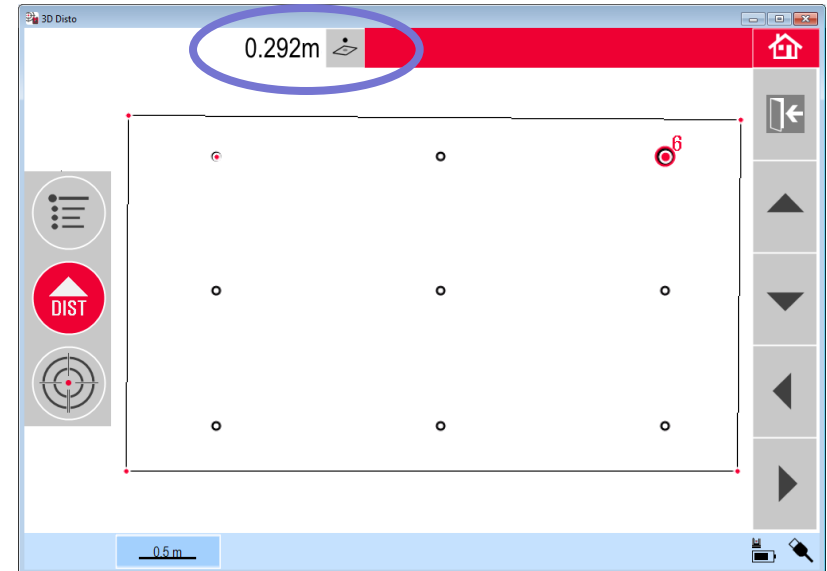
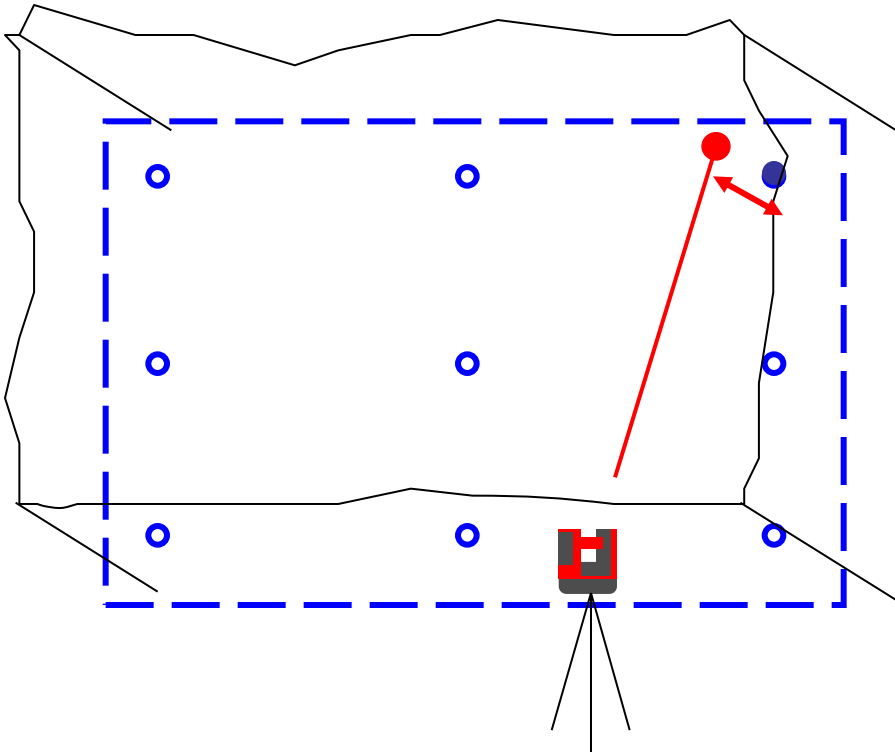
- when it has to be **right**

Wall Cladding Panels

Position and length of fasteners

B Pre-defined fixing point positions → „Projector“ application

- select a point on the screen, press DIST → the point is set out at the correct position
- length of the fixation appears in the result window



- when it has to be **right**

Leica 3D Disto

Registration at myWorld



Register your 3D Disto on myWorld for:

- warranty extension
- license keys
- more tutorials
- free software updates
- support
- manuals

www.disto.com

- when it has to be **right**

Leica
Geosystems