

User Examples

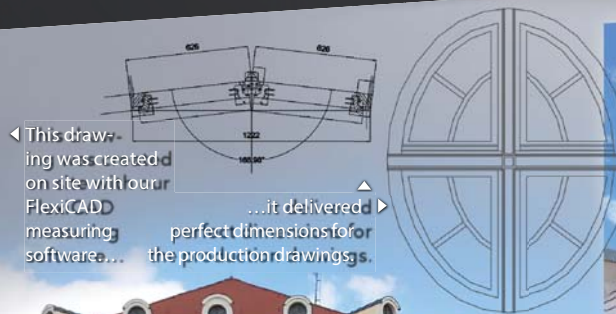
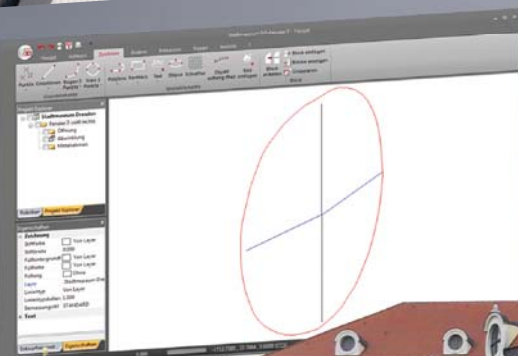
Site measure of oval and angled windows for faithful reconstruction



Carried out by Angela Martin, Markon
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During the extensive renovation of the Dresden City Museum, the complex geometry of the dormer timber windows created a huge challenge for the company 'Crontendorfer Carpentry'. The windows were oval shaped and the central glazing bars (mullions) were also angled to an apex.

To conduct an accurate site measurement, Angela Martin was hired to create a digital 3D CAD file of the existing windows, using the Flexijet 3D laser measurement system. The windows were sent into production according to the dimensions collected, and the result was perfectly fitted windows.



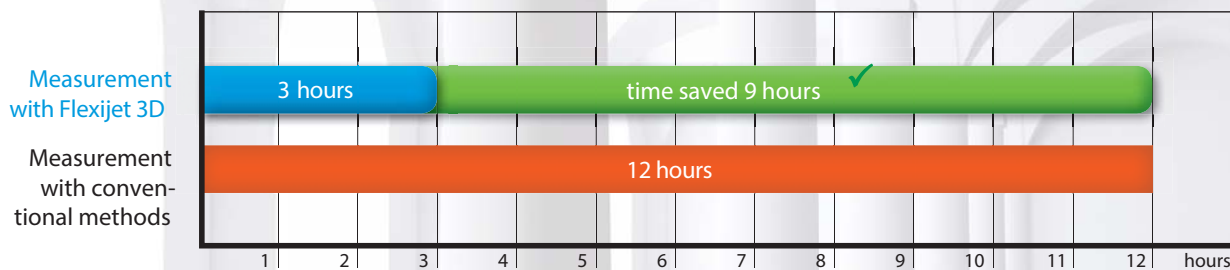
◀ This drawing was created on site with our FlexiCAD measuring software...
...it delivered perfect dimensions for the production drawings. ▶



Conduct site measurements and create the 3D CAD drawing in a single step. Use the point projection feature to show the relevant CAD points for on-site installation. A proven time and money saver!

In the example above, the Flexijet 3D laser measuring system provided the following advantage and value to the project:

The cost indicated below refers to the measurement of the seven oval dormer windows and the post processing time of the CAD files. In reality, only 10 minutes per window were required for the actual 3D measurement of the oval contours and mullion.



	Time saved	Hourly rate			
Savings with Flexijet 3D:	9 hrs	x 50 €	=	450 €	75.0 %
Increase of efficiency:					300.0 %

In addition to the time and cost savings during site measurement and installation, Flexijet 3D also provides confidence in obtaining accurate measurements that will ensure a successful project.

→ Flexijet 3D gives you certainty and professionalism from site measurement to installation.

Flexijet 3D offers many advantages:



Installation improvement by point projection of CAD files using the the Flexijet laser



Collect site measurements with only one person



Instant graphic control on site



No missing dimensions or transmission errors



Creation of digital templates makes hard templates unnecessary



Measure without restrictions: 360° vertical and horizontal



Electronic Auto Leveling feature makes device easy to use, without manually leveling the tripod



Instant surface and space calculations



Interfaces to all common CAD programs and connection to CNC manufacturing