

Questions and Answers

Autodesk® Quantity Takeoff software helps cost estimators keep everything digital and up-to-date with fast, detailed materials reports.

Autodesk Quantity Takeoff enables cost estimators to easily bring together design data, high-quality images, and precise design information from design applications such as AutoCAD® software, Autodesk® Revit® Architecture software, Autodesk® Inventor®, and AutoCAD® Civil 3D® software, as well as other CAD data and image formats. With Autodesk Quantity Takeoff, estimators can take advantage of accurate property data to automatically or manually measure, count, and price building objects such as walls, doors, and windows. The results can then be printed, exported to Microsoft® Excel® software, or published to DWF™ file format.

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Autodesk® Quantity Takeoff 2011 Questions and Answers

1. What are the main benefits of Autodesk Quantity Takeoff software?

For starters, estimators can utilize precise property data to automatically or manually measure, count, and price building objects such as walls, doors, and windows. All results can then be printed, exported to Microsoft Excel, or published to DWF file format. All of this means that Autodesk Quantity Takeoff scrupulously supports the smoothest workflow, from design to cost estimation.

More than that, with the integration of 2D and 3D design data, Autodesk Quantity Takeoff brings drawings and data together in a way that has never before been possible. The software addresses key requirements for cost estimators by giving users more flexibility than stand-alone design documents, databases, or spreadsheets. And with a completely open architecture as its foundation, Autodesk Quantity Takeoff is flexible enough to meet the needs of the multitude of disciplines involved in estimating construction costs.

2. Is the user interface similar to other Autodesk products?

Quantity Takeoff is actually based on Autodesk® Design Review software, which provides a complete and all-digital way to view, print, measure, mark up, and review 2D and 3D designs without the original design creation software. Creating precise and timely cost estimates of 2D and 3D digital design content has never been this easy.

3. Does Autodesk Quantity Takeoff provide tools for manual takeoff of images?

Yes. Although architects are starting to provide building information models built in Autodesk Revit Architecture, it is often up to cost estimators to perform takeoffs based on digital images from the design. For this reason, Autodesk Quantity Takeoff has a full set of intuitive manual takeoff tools, enabling you to perform on screen takeoff of design data such as walls, doors and windows on common non-CAD file formats such as .pdf, .tiff and .jpg.

4. What is the significance of architectural objects and cost estimation?

Autodesk Quantity Takeoff takes advantage of intelligent architectural objects created in Autodesk design applications such as Autodesk Revit Architecture, AutoCAD Architecture, and Autodesk Civil 3D. By utilizing the data within intelligent objects, Autodesk Quantity Takeoff enables cost estimators to quickly and easily search for and count similar items across an entire project using the search takeoff feature.

5. Does Autodesk Quantity Takeoff use 3D?

Yes, Autodesk Quantity Takeoff works with both 2D and 3D digital design information. Working in 3D, estimators can perform intuitive, interactive walkthroughs for precise examination and estimation of all object details. Object visibility and transparency is adjustable according to building section or component type. By utilizing 3D DWF files imported from the Autodesk Revit® product line, cost estimators can perform an entire model takeoff of all 3D design objects with a single click.

6. Does Autodesk Quantity Takeoff work with other Autodesk products?

Yes, Autodesk Quantity Takeoff software enables cost estimators to easily bring together design data, high-quality images, and precise design information from intelligent design application such as AutoCAD, Autodesk Revit Architecture, Autodesk Inventor, and Autodesk Civil 3D, as well as “non-intelligent” CAD data and image formats.

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