

# Reading DWG drawings

## What does Reading DWG drawings module do?

*This module helps to measure available drawings in this format, from AutoCAD or other programs that generate it, and in many other ways:*

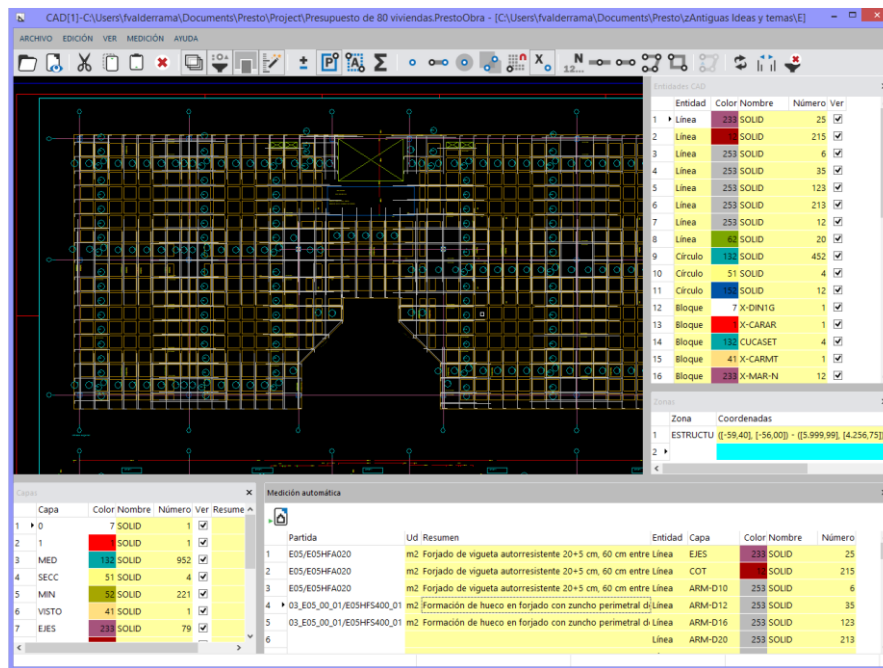
Vector illustration

*DWG, DXF, WMF, EPS*

Image (manual measurement only)

*BMP, JPG, PCX, GIF, TIFF, PNG*

The program is oriented to facilitate complex drawings measurement, made by third parties, without the need for prior preparation or a mandatory structure.



*DWG measurement window with filters by layers and entity types*

The zoom and pan functions are identical to AutoCAD.

To locate the relevant information you can filter the drawing by layers, entity types, line types and colors. Each of these properties displays the number of features it contains.

To identify the take-off lines you can create zones in Presto, their names will appear in the line comment field.

The scale and rounding of the generated measurements can be adjusted. The drawing and measurement status can be saved as associated files to any concept in the file.

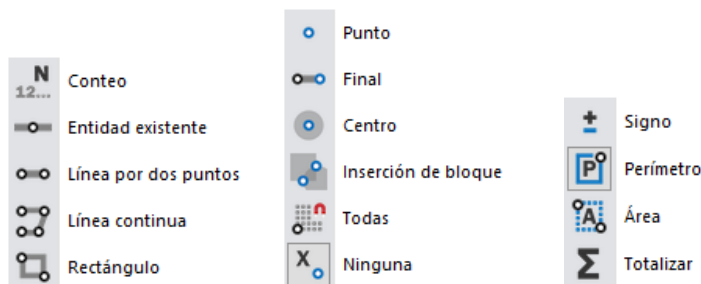
## Automatic measurement

Presto generates measurement lines corresponding to entities of the selected types, such as lines, polylines and blocks.

Each measured element is marked in the drawing window to avoid repetition.

## Manual Measurement

This procedure allows to measure elements that are not directly present in the drawing, but which can be marked on the drawing by lines and polylines, such as finishes and coverings



*Manual measurement possibilities, point capture systems and options for results*

## Measurement check

The generated measurement lines are displayed in an intermediate check window where they can be sorted, filtered, checked and associated to units of work before they are finally inserted into the estimate.

Partida	Resumen	Comentario	N	Longitud	Anchura	Albura	Cantidad Ud	Pres	VarPres	Capa	Planta	Elemento	Color N°
413	E05/E09#A020	Forjado de vigata autorresistente 20x5 cm, 60 cm entre ejes	ESTRUCTU	1	274.05		274.05 m2	14.820,62	✓	EIES	Línea	253	
414	E05/E09#A020	Forjado de vigata autorresistente 20x5 cm, 60 cm entre ejes	ESTRUCTU	1	274.05		274.05 m2	14.820,62	✓	EIES	Línea	253	
415	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
416	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
417	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
418	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
419	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
420	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	220.00		220.00 m	5.328,40	✓	ARMA-D12	Línea	253	
421	03_E05_00_01#020	Jacenas de coque con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	207.51		207.51 m3	62.431,09	✓	ARMA-D10	Línea	253	
422	03_E05_00_01#020	Zunchos planos con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	195.90		195.90 m3	90.701,70	✓	COT	Línea	253	
423	03_E05_00_01#020	Zunchos planos con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	195.90		195.90 m3	90.701,70	✓	COT	Línea	253	
424	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	174.91		174.91 m	4.236,32	✓	ARMA-D12	Línea	253	
425	03_E05_00_01#020	Ángular de 60 mm en remate	ESTRUCTU	1	174.91		174.91 m	4.236,32	✓	ARMA-D12	Línea	253	
426	03_E05_00_01#020	Zunchos planos con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	161.90		161.90 m3	74.959,70	✓	COT	Línea	253	
427	03_E05_00_01#020	Zunchos planos con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	161.90		161.90 m3	74.959,70	✓	COT	Línea	253	
428	03_E05_00_01#020	Jacenas de coque con hormigón HA-25/P/200, con encofrado visto	ESTRUCTU	1	152.80		152.80 m3	60.815,93	✓	ARMA-D10	Línea	253	

*Measurement check window*

## More information

The user manual, demo version, webinars and other accessible resources provide more information about the possibilities of **Cost-It**, Revit plugin for Presto.