

Create Quantity Summary

To sum up quantities by classification condition, you can use this type of reports.

1. In the **Quantity Summary** group, click **New**, and the **Edit Report** window appears.

The 'Edit Report' window is shown with a configuration panel on the left and a preview of a 'Quantity Summary-2' report on the right. The configuration panel includes a list of fields to be included in the report, such as Column, Zone, Floor, Element Type, Entity ID, Location, Name, Material, Section Shape, Section Width, Section Height, Radius, Top Elevation, Bottom Elevation, Concrete Grade, Formwork Type, Entity Type, Category 1, Category 2, Concrete Type, Grout Type, Mortar Type, Mortar Grade, Grout Content, Steel Ratio, Entity Object T..., Associated C..., Associated P..., Associated U..., and Summary Info. The 'Set Element Type and Quantity' button is highlighted. The preview window shows a report titled 'Quantity Summary-2' for 'Project Name: PROJECTS2' and 'Compile Date: 2019-03-01'. The report table is as follows:

Floor/Element Type	Name	Volume(m3)
2st Floor		
Column	Column-1	3.840
Subtotal		3.840
Ground Floor		
Column	Column-1	1.360
	Column-2	1.600
	Column-3	2.011
Subtotal		4.971
1st Floor		
	Column-1	0.560

2. Click **Set Element Type and Quantity**, and the following window appears.

Cubicost- TAS C

Set Element Type and Quantity

Select Element Type

- All
 - Column
 - Column
 - Stiffener
 - Corbel
 - Wall
 - Wall
 - Curtain Wall
 - Vertical Projection
 - Horizontal Projection
 - Door/Window Opening
 - Door
 - Window
 - DoorWin
 - Wall Opening
 - Ribbon Window
 - Ribbon Opening
 - Bay Window
 - Dormer
 - Lintel
 - Niche
 - Skylight
 - Beam
 - Beam
 - Coupling Beam

Show existing element type
 Show selected element type

Select Quantity

Public Quantity Private Quantity

- All
 - Volume
 - Area of Formwork
 - Area of Formwork for Strutting High
 - Weight of Rebar
 - Number

OK Cancel

3. Select the element types and quantities you want to show in reports, and then click **OK**.

4. When editing the report format, you can click **Insert Row Below** or **Insert Column Right** to add cells for editing.

Cubicost- TAS C

Quantity Summary-2
Project Name: PROJECTS2 Compile Date: 2019-03-01

Floor/Element Type	Name	Volume(m3)
2st Floor		
Column	Column-1	3.840
Subtotal		3.840
Ground Floor		
Column	Column-1	1.360
	Column-2	1.600
	Column-3	2.011
Subtotal		4.971
1st Floor		
	Column-1	0.560

5. Go to an empty cell, double click the classification condition on the left to apply it to the corresponding cell.

Quantity Summary-2
Project Name: PROJECTS2 Compile Date: 2019-03-01

Floor/Element Type	Name	Concrete Grade	Volume	Area of Formwork
2st Floor				
Column	Column-1		3.840	
Subtotal			3.840	
Ground Floor				
Column	Column-1		1.360	
	Column-2		1.600	
	Column-3		2.011	
Subtotal			4.971	
1st Floor				
	Column-1		0.560	

Cubicost- TAS C

6. To view the report format under editing, Click **Preview Format**.

The 'Edit Report' dialog box is shown with a list of attributes on the left and a configuration table on the right. The configuration table has columns for 'Classification Condition', 'Name', 'Concrete Grade', 'Volume', and 'Area of Formwork'. The 'Preview Format' button is visible in the bottom right of the dialog.

Quantity Summary-2
Project Name: PROJECTS2 Compile Date: 2019-03-01

Floor/Element Type	Name	Concrete Grade	Volume(m3)	Area of Formwork(m2)
2st Floor				
Column	Column-1	C30	3.840	
Wall	KF1-PW1	C30	9.800	
	PW2	C30	20.384	
	W4		10.800	
Beam	PT1	C30	13.520	
Subtotal			58.344	
Ground Floor				
Column	Column-1	C30	1.360	13.267
	Column-2	C30	1.600	

7. Click **OK**, and then return to the **Report** module to view real data reports.

Cubicost- TAS C

The screenshot shows the Cubicost TAS C interface. The main window displays a report titled 'Quantity Summary-2' for 'PROJECTS2', compiled on 2019-03-01. The report is a table with columns for 'Floor/Element Type', 'Name', 'Concrete Grade', 'Volume(m3)', 'Area of Formwork(m2)', and 'Area of Formwork(<=3.5m) (m2)'. The data is organized by floor level, starting with the 'Ground Floor'.

Floor/Element Type	Name	Concrete Grade	Volume(m3)	Area of Formwork(m2)	Area of Formwork(<=3.5m) (m2)
Ground Floor					
Column	KZ1	C30	13.500	74.707	
	KZ2	C30	2.250	11.220	
	KZ3	C30	3.510	20.640	
	KZ4	C30	2.700	14.160	
	KZ5	C30	2.025	12.051	
	KZ6	C30	0.945	5.280	
	KZ7	C30	3.840	24.000	
Wall	RCwall-120	C30	8.925	135.740	
	RCwall-240	C30	166.913	1437.192	
	3C20.3B20	C30	0.553		6.563
	5C22 3/2.2B16	C30	0.276		3.052
	BKL-1	C30	0.624		
	BKL-1(2)	C30	1.654		5.521
	BKL-1(3)	C30	2.875		9.141
	BKL-1(3)-1	C30	1.584		10.046
	BKL-1-1	C30	1.964		12.454
	BKL-1-2	C30	0.893		
KL-1(4)	C30	2.201		12.936	

8. To change report formats or content, edit the report again. Click **Edit**, and go to the **Edit Report** window to modify them.

The screenshot shows the 'Edit Report' window for 'Quantity Summary-2'. On the left, there is a configuration menu with various options, including 'Location', 'Name', 'Material', 'Section Shape', 'Section Width', 'Section Height', 'Concrete Grade', 'Formwork Type', 'Entity Type', 'Concrete Type', 'Steel Ratio', 'Entity Object T...', 'Associated C...', 'Associated P...', 'Associated U...', 'Summary Info', 'Remarks', 'Construction ...', 'Flow Zone', 'Subcontractor', 'Construction ...', 'Scheduled St...', 'Scheduled E...', 'Actual Start D...', and 'Actual End Date'. The 'Concrete Grade' option is checked.

The main area of the window shows a preview of the report format. The report is titled 'Quantity Summary-2' for 'PROJECTS2', compiled on 2019-03-01. The table shows data for the '2st Floor' and 'Ground Floor'.

Floor/Element Type	Name	Concrete Grade	Volume(m3)	Area of Formwork(m2)
2st Floor				
Column	Column-1	C30	3.840	
	KF1-PW1	C30	9.800	
Wall	PW2	C30	20.384	
	W4		10.800	
Beam	PT1	C30	13.520	
Subtotal			58.344	
Ground Floor				
Column	Column-1	C30	1.360	13.267
	Column-2	C30	1.600	