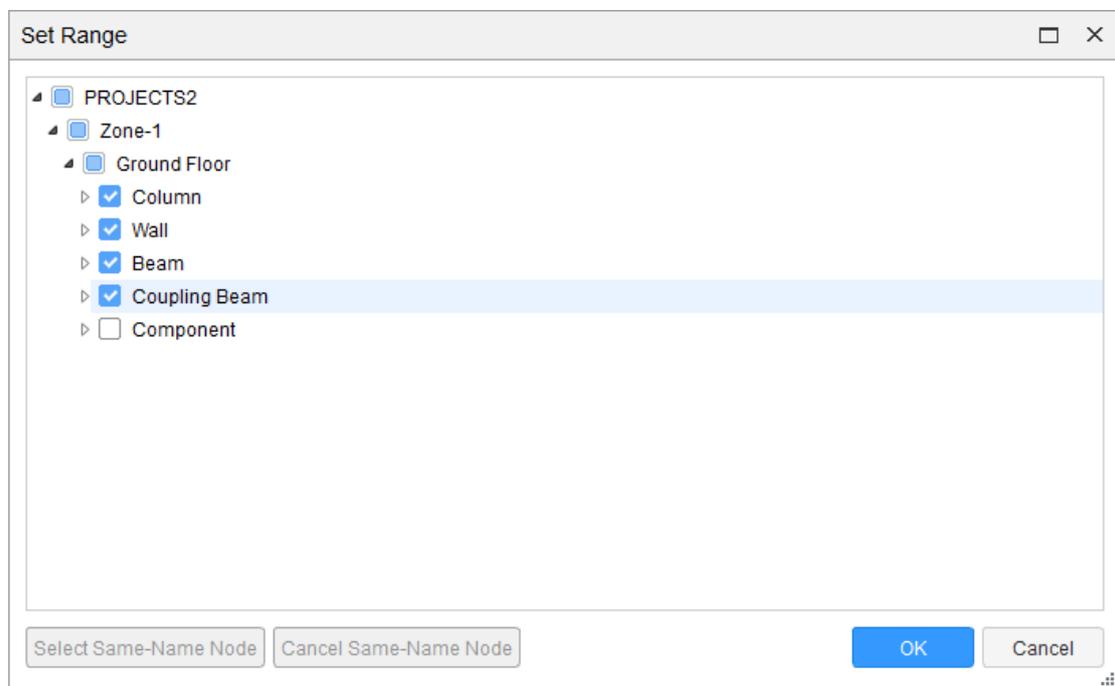


View Quantity by Category

When you need to view entity quantities of multiple types by specific conditions, you can use this function.

1. Click **View Quantity by Category**, and then in the **Set Range window**, select the floor range that you want to view.



2. Click **Set Classification and Quantity**, and then set the classification conditions as needed.

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Set Classification and Quantity Output

Element Type	Classification Condition	Attribute	Use	Value
Column	1	Zone	<input type="checkbox"/>	
Wall	2	Floor	<input checked="" type="checkbox"/>	
Beam	3	Material	<input checked="" type="checkbox"/>	
Coupling Beam	4	Concrete Grade	<input checked="" type="checkbox"/>	
	5	Entity Type	<input checked="" type="checkbox"/>	
	6	Thickness	<input type="checkbox"/>	
	7	Name	<input type="checkbox"/>	
	8	Name Suffix	<input type="checkbox"/>	
	9	Axis to Left Sideline	<input type="checkbox"/>	
	10	Category	<input type="checkbox"/>	
	11	Concrete Type	<input type="checkbox"/>	
	12	Grout Type	<input checked="" type="checkbox"/>	
	13	Mortar Grade	<input type="checkbox"/>	
	14	Mortar Type	<input type="checkbox"/>	
	15	Interior/Exterior	<input type="checkbox"/>	
	16	Formwork Type	<input type="checkbox"/>	
	17	Entity Shape	<input type="checkbox"/>	
	18	Wall Position	<input type="checkbox"/>	
	19	Wall No.	<input type="checkbox"/>	
	20	Strutting Height	<input type="checkbox"/>	

Element Quantity

- All Quantities
- Volume
- Area of Formwork
- Area of Formwork for Strutting High
- Length of Formwork to Edge and Break in S...
- Area of Formwork to Edge and Break in Sta...
- Length of Formwork to Edge and Break of ...
- Area of Formwork to Edge and Break of Op...
- Area
- Weight of Rebar
- Number
- Net Length of Wall
- Original Thickness of Wall
- Original Height of Wall
- Original Length of Wall

Move Up Move Down

OK Cancel

3. Click **OK**.

View Element Entity Quantity

Element Quantity

Column
Wall
Beam
Coupling Beam
Component

Set Classification and Quantity Export to Excel Export to Existing Excel

	Classification Condition				Height of Beam below Slab Soffit	Height of Beam below Slab Soffit	Volume(m3)
	Floor	Material	Concrete Grade	Entity Type			
1				Curved	> 750	1150	5.432
2						350	1.287
3						400	0.323
4					<= 750	500	8.823
5						600	3.158
6	Ground Floor	In-situ Concrete	C30	Horizontal		750	1.989
7						1000	2.201
8						1150	22.369
9					> 750	1200	26.153
10						1300	2.902
11						900	4.457
12	Total						79.094

Show Quantities of Room and Assembly Show Subtotal
 Only show quantities of one typical floor

3. Click **OK**, the quantity by category is shown In the **View Quantity by Category** list. Select **Show Quantities of Room and Assembly, Show**

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subtotal or **Only show quantities of one typical floor** to show the quantities that you want to view.

	Classification Condition					Quantity		
	Floor	Material	Concrete Grade	Entity Type	Grout Type	Volume(m3)	Area of Formwork(m2)	Length of Formwork to Edge and Break in Stages(0.1~0.2m)(m)
1				Curved	-	7.777	77.117	
2	Ground Floor	In-situ Concrete	C30	Vertical	-	168.062	1495.815	5.400
3	Total					175.838	1572.932	5.400

Show Quantities of Room and Assembly Show Subtotal
 Only show quantities of one typical floor

Reversely-Check Model

4. Please select a quantity cell you want to check, and click Reversely-Check Model. In the Reversely-Check Model, click the cell of element name, the corresponding element will be shown in the window to easily reversely-check.

Element Name	Area of Formwork(m2)
RCwall-240	60.934
RCwall-240	14.000
RCwall-240	12.621
RCwall-240	12.600
RCwall-240	12.600
RCwall-240	44.640
RCwall-240	44.640
RCwall-240	13.302
RCwall-240	7.236
RCwall-240	13.302

<< Return

5. Click **Return**, back to View Quantity by Category list.

Note

You can export the data in the View Quantity by Category window to Excel.