Floor Settings

You can create floors for the current project and adjust the calculation data in this view.

	Reference Floor	Code	Floor Name	Floor Height (m)	Bottom Elevation (m)	Number of Typical Floors	Remarks
1	☐	3	Roof	3.536	7.175	1	
2	☐	2	Floor 1	3.375	3.800	1	
3	☑	1	Ground Floor	3.600	0.200	1	
4	☐	0	Foundation Floor	0.200	0.000	1	

Function illustration

1. Insert Floor: Use to insert a floor to the selected floor position, for example, after selecting the foundation floor, you can add the basement floor; after selecting the ground floor, you can add overground floors.

2. Delete Floor: Use to delete the selected floors except the floor which is displayed in the drawing area, for example, the first floor is displayed in the drawing area, so you can not delete it. The ground floor and the basement floor are default settings, and they cannot be deleted.

3. Reference Floor: The ground floor is selected as the reference floor by default, and you can specify any floor, except the basement floor and typical floors, as the reference floor.

4. Code: The built-in floor codes that cannot be modified.

5. Floor Name: You can enter data according to actual projects; the foundation floor and the ground floor are built-in floors; it you insert a floor, the floor name will be displayed with ordinal numbers by default.

6. Floor Height: You can enter data according to actual projects; the unit is m.

7. Bottom Elevation: Use to display bottom elevation of specific floors; you can enter data according to actual projects; the unit is m.

8. Number of Typical Floors: Use to deal with the typical floors, for example, if Floor 2-6 are typical floors, you just need to type 5 in the cell in the Number of Typical Floors column.

10. Remarks: You can enter remarks info that have no effect on the calculation.

Grade Settings

Grade Settings [Current Floor: 1st Floor, 3.000 ~ 6.000]

	Element Type	Concrete Grade	Concrete Category	Formwork Type	Mortar Grade	Mortar Category	Steel Ratio (kg/m3)	
1	Foundation	C20	Common Concrete	Sawn Formwork	M10	Cement Mortar	50.000	Including ground
2	Blinding	C10	Common Concrete	Sawn Formwork			20.000	
3	Concrete Wall	C30	Common Concrete	Sawn Formwork			30.000	Including end col
4	Beam	C30	Common Concrete	Sawn Formwork			150.000	Including encase
5	Column	C30	Common Concrete	Sawn Formwork	M10	Cement Mortar	150.000	Including encase
6	In-situ Slab	C25	Common Concrete	Sawn Formwork			50.000	Including spiral s
7	Staircase	C20	Common Concrete	Sawn Formwork			80.000	Including straight
8	Precast Components	C30	Common Concrete				50.000	Including all prec

Copy to Other Floor   Restore Default

1. If a floor is marked as reference floor, the codes of its adjacent floors will change automatically and the code of the foundation floor will remain unchanged.
2. The foundation floor, typical floor or floors numbered as 2~4 cannot be selected as reference floor.

Note

1. Concrete Grade: Use to modify the settings; if you create an element, the input here will be selected by default, for example, if you change the concrete

grade of foundation to C30, in the drawing area, the default concrete grade when creating ground beams will be C30.

2. Concrete category: Use to modify the settings; if you create an element, the input here will be selected by default, for example, if you change the concrete type of concrete wall toFair-Faced Concrete Formwork, in the drawing area, the default concrete type when creating concrete walls will be Fair-Faced Concrete Formwork.

3. Formwork Type: Use to modify the settings; if you create an element, the input here will be selected by default.

4. Mortar Grade: Use to modify the settings; if you create an element, the input here will be selected by default.

5. Mortar category: Use to modify the settings; if you create an element, the input here will be selected by default.

6. Steel Ratio: Use to modify the settings; if you create an element, the input here will be selected by default.

7. Remarks: Use to make complementary statements on the item, for example, the first item, Foundation, includes ground beam, raft foundation, pad foundation, pile cap, pile, pier, sump pit and ditch.

8. Copy to Other Floor: Use to copy the modified information to other floors.

9. Restore Default: Use to restore settings to the default settings.