HALFEN
YOUR BEST CONNECTIONS

Engineering Form
HIT Design Information Requirements

In order for us to be able to select the most efficient system for your project, please:

1. Please provide the required information, questions 1 to 6 in the section 'Project Information'.
2. Please provide the information about the balconies on page 2, complete one page for each different balcony.

Project Information

1. Project Name: _____
2. Project address: _____
3. Location, City: _____ State: _____
4. Customer: _____
5. Contact person: _____

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HALFEN
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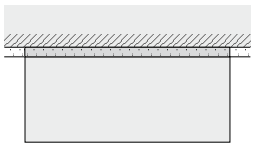
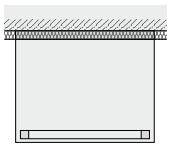
Engineering Form
HIT Design Information Requirements

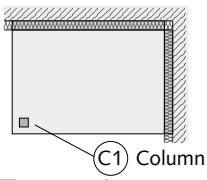
Type overview (top views)



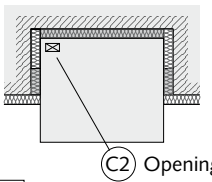
☐ Cantilevered balcony



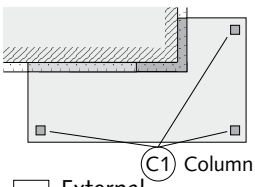
☐ Simply supported cantilever



☐ Internal corner



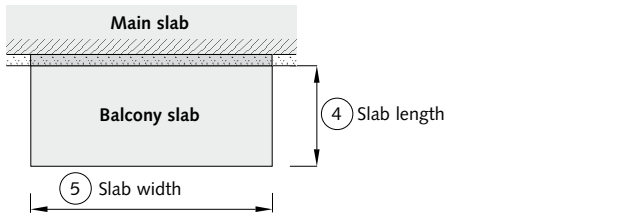
☐ Recessed balcony

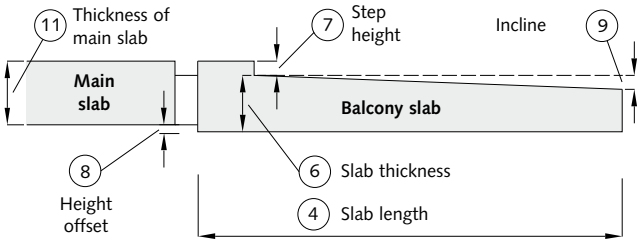


☐ External corner

Basics / Dimensions

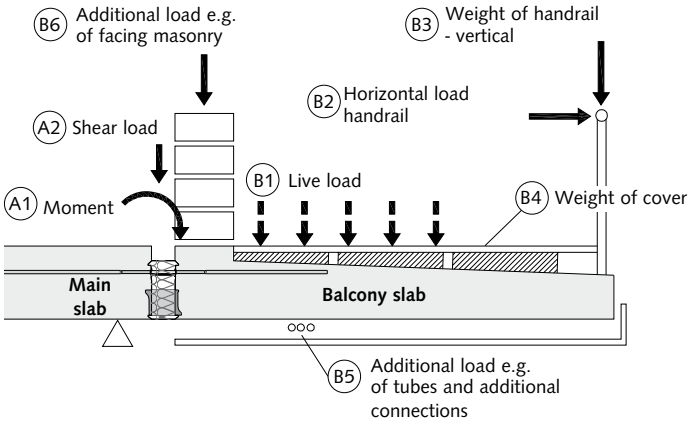
1	Concrete strength		C … / …
2	Concrete cover c_{nom} [mm]		
3	Fire protection class	☐ not required	☐ F90
4	Slab length L [m]		
5	Slab width B [m]		
6	Slab thickness h [cm]		
7	Step height n_h [cm]		
8	Height offset v [cm]		
9	Incline [%]		
10	Construction of main slab	☐ Filigree slab	☐ In-situ concrete
11	Thickness of main slab [cm] -		
12	Number of balconies		





Loads (please *only* fill in A *or* B)

A1	Design value of the acting moment M_{Ed} [kNm/m	
A2	Design value of the acting shear force V_{Ed} [kN/mt]	
Characteristic load		
B1	Live load q_k [kN/m²]	
B2	Horizontal load handrail $q_{k,Gel}$ [kN/m]	
B3	Weight of handrail $g_{k,Gel}$ [kN/m] - vertical	
B4	Weight of coverage $g_{k,Bel}$ [kN/m²]	
B5	Additional load e.g. of tubes and additional connections [kN/m²]	
B6	Additional load e.g. of facing masonry [kN/m]	
Other details (e.g. additional loads, columns etc.)		
C1		
C2		



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