

Floor Design Sheet

Project information

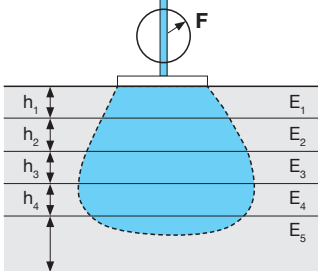
Project name:			
Project size:	<input type="checkbox"/> m ²	<input type="checkbox"/> ft ²	
Customer Name:			
E-mail:			
Telephone number:			

Floor information

Floor	<input type="checkbox"/> Internal	<input type="checkbox"/> External
	<input type="checkbox"/> Saw cut	<input type="checkbox"/> Jointless
Joint spacing	<input type="checkbox"/> m x m	<input type="checkbox"/> ft x ft

Subbase (at least one subbase value needed)

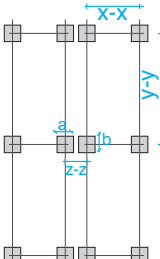
k-value	<input type="checkbox"/> N/mm ³	<input type="checkbox"/> pci
Plate test result	EV1: <input type="checkbox"/> MN/m ²	<input type="checkbox"/> psi
	EV2: <input type="checkbox"/> MN/m ²	<input type="checkbox"/> psi
CBR	%	
E-modulus subbase	<input type="checkbox"/> N/mm ²	<input type="checkbox"/> pci

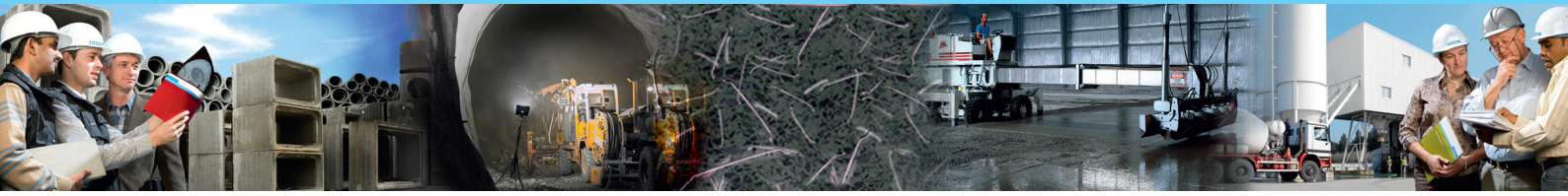
Individual layers	mm	in		E ₁	N/mm ²	N/in ²
	mm	in		E ₂	N/mm ²	N/in ²
	mm	in		E ₃	N/mm ²	N/in ²
	mm	in		E ₄	N/mm ²	N/in ²
	mm	in		E ₅	N/mm ²	N/in ²

Concrete Class

<input type="checkbox"/> C20/25 (B20)	<input type="checkbox"/> C25/30 (B25)	<input type="checkbox"/> C28/35	<input type="checkbox"/> C30/37 (B30)	<input type="checkbox"/> C32/40	<input type="checkbox"/> Other Concrete Class:
<input type="checkbox"/> 3000 psi	<input type="checkbox"/> 3500 psi	<input type="checkbox"/> 4000 psi	<input type="checkbox"/> 4500 psi	<input type="checkbox"/> 5000 psi	

Pallet Racking

	Single leg load		kN	Kips
	Back to back spacing (z-z)		<input type="checkbox"/> mm	<input type="checkbox"/> in
	Rack depth (x-x)		<input type="checkbox"/> mm	<input type="checkbox"/> in
	Rack length (y-y)		<input type="checkbox"/> mm	<input type="checkbox"/> in
	Aisle width		<input type="checkbox"/> mm	<input type="checkbox"/> in
	Base plate dimension (a x b)		<input type="checkbox"/> mm	<input type="checkbox"/> in



Fork Lift			
	Maximum static wheel load	<input type="checkbox"/> kN	<input type="checkbox"/> Kips
	Maximum moving wheel load	<input type="checkbox"/> kN	<input type="checkbox"/> Kips
	Wheel contact pressure	<input type="checkbox"/> N/mm ²	<input type="checkbox"/> psi
	Wheel type	<input type="checkbox"/> <input type="checkbox"/>	
	Tire distance (a)	<input type="checkbox"/> mm	<input type="checkbox"/> in
	Tire distance (b)	<input type="checkbox"/> mm	<input type="checkbox"/> in
	Tire type	<input type="checkbox"/> Pneumatic <input type="checkbox"/> Full gum <input type="checkbox"/> Full plastic <input type="checkbox"/> Steel	

Truck			
	Maximum static wheel load	<input type="checkbox"/> kN	<input type="checkbox"/> Kips
	Maximum moving wheel load	<input type="checkbox"/> kN	<input type="checkbox"/> Kips
	Wheel contact pressure	<input type="checkbox"/> N/mm ²	<input type="checkbox"/> psi
	Wheel type	<input type="checkbox"/> <input type="checkbox"/>	
	Tire distance (a)	<input type="checkbox"/> mm	<input type="checkbox"/> in
	Tire distance (b)	<input type="checkbox"/> mm	<input type="checkbox"/> in
	Front to rear axle length	<input type="checkbox"/> m	<input type="checkbox"/> ft

UDLs			
	Load per square meter (s)	<input type="checkbox"/> kN/m ²	<input type="checkbox"/> psf

Line Loads			
	Load per linear meter/feet	<input type="checkbox"/> kN/m	<input type="checkbox"/> k/ft
	Width (x)	<input type="checkbox"/> mm	<input type="checkbox"/> in

Mezzanine			
	Mezzanine leg load	<input type="checkbox"/> kN	<input type="checkbox"/> Kips
	Spacing	<input type="checkbox"/> mm x mm	<input type="checkbox"/> in x in
	Baseplate size (a x b)	<input type="checkbox"/> mm x mm	<input type="checkbox"/> in x in

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