Client Information

Project Name:		**Intended Area:**	
Contact:		**Company:**	
Address:		**City / State:**	
Project Location:		**Phone number:**	

Design Questionnaire

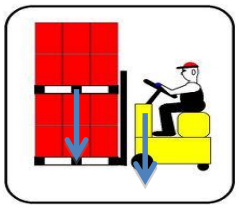
Questions:	Values:	Units:	Observations:
Are there any recommended slab dimensions?		( )m	If slab dimensions are very large, double plastic sheeting is recommended to reduce friction. It should be noted that for very large dimensions the curing process is extremely important as any fiber will only be able to reduce cracking under good curing conditions.
Is there a recommendation as to slab thickness? Yes( ) No( )		( )cm	What is the slab thickness
Sub-base thickness:		( )cm	
Sub-base: Westergaards Reaction Modulus "K".		( )N/mm^3	If this information is not available you will need the type and CBRs of the sub-base and sub-grades respectively to be able to calculate the estimated K modulus.
Are there recommendations for dowelled edges?	( )Yes or ( )No		
Columns		( )m	Space between columns

Concrete Information:	Values:	Units
Compressive strength		MPa
Flexural strength		MPa
Modulus of Elasticity		GPa
Is the floor to be done inside?	( )Yes or ( )No	

LOADS

1. Static Point Loads		
• Rack footing	( )Yes ( ) No	
• Rack feet Dimensions		( )cm
• Load per Rack foot		tons
• Worst Case Scenario (commonly the case where you have racks back-to-back causing two rack feet to be placed very close to each other are 4 in line - although this is a common case, the layout of the loads should be analyzed by the civil engineer).	( ) 2 in line ( ) 3 in line ( ) 4 in line ( ) 4 in a rectangle	
• Distance between rack feet in the worst case scenario described above.		( )cm

2. Distributed Loads			
• Uniformly		( ) kN/m^2	Even when there are none, take into account the placing of pallets on the floor when they are taken down from the racks.
• Linearly		( ) kN/m	For example, walls placed and supported on the floor itself.

3. Dynamic Load Forklifts			
• Forklifts?	( )Yes ( ) No		
• Types of wheels	( ) Tires with air ( ) Solid rubber wheels ( ) Hard solid wheels		
• Is the load distributed to back wheels?	( )Yes ( ) No	Forklifts that carry the load towards the center point between axles will distribute load between front and back axles, but some forklifts carry the load towards the front in which case load distribution should not be considered. 	
• Load per wheel		( ) kN	This value should be multiplied by 2.5 to convert from a static load to a dynamic load.

4. Dynamic Loads Trucks			
• Trucks	( )Yes ( ) No		If so, these should be compared to the forklifts to see which will be more critical to the floor.
• Load per wheel		( ) kN	This value should be multiplied by 2.5 to convert from a static load to a dynamic load.
• Distance between wheels		( )cm	
• Distance between axles		( )cm	

5. General Information	
• Any sort of seismic activity?	( )Yes ( ) No

Instructions:

Please fill in all relevant areas of the form. Provide as much detail as possible as this will allow a more accurate fibre reinforcement recommendation. Forms submitted with insufficient information cannot be processed for a design recommendation.

Once completed either email to info@stratmore.co.nz or fax to 0800 FIBRES (342 737)