

Multibeam Calculation Form

To obtain Kingspan design recommendations in accordance with the method of BS EN 1991-4: 2005 please complete the following form and email to the Technical Department.

From:	Name:	
	Company:	
	Telephone:	Date:
	Email:	

Project:	Name:	
	Postcode:	

Technical & Project Requirements (Purlin / Rail Design):				
Contract Stage	Tender	☐	Order	☐
Design Standard	British Standard	☐	Eurocode	☐

Site Information:	
Landranger Ref	
Design Standard	
Altitude (m)	
Basic Wind Speed (m/s)	
Basic Snow (kN/m ²)	
Design Standard	

Roof & Wall; Cladding Information & Loadings:		
	Roof	Walls
Cladding Specification		
Cladding orientation	N/A	Choose an item
Cladding Weight (kN/m ²)		
Service Load (kN/m ²)		N/A
Imposed Load (kN/m ²)		N/A
Maximum Cross Centres (m)		
Deflection limit		

Building Information:	
Roof Type	Choose an item
Building Type	Choose an item
Length (overall footprint) (m)	
Width (overall footprint) (m)	
Height to Eaves (m)	
Height to Apex (m)	
Roof Slope (Degrees)	
Firewall (Gridlines)	

Wind Loading (if available):	
Internal pressure coefficient (c _{pi})	
Dynamic/Peak velocity (kN/m ²)	
Size effect factor	

Notes:

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