



Stand-Up

# **Batten** Fixing Spans

**Wind Regions**

B Max Span  
C Max Span

Stand-Up **Fixing Span (mm) - Wind Region B/C** Max Span (mm)

Wind Region B - Max Span

<b>Part</b>	<b>Steel</b> G450	<b>Steel</b> G250	<b>Timber</b> JD5 Joint Group	<b>Concrete</b> ≥ Grade N20
KEB2575F	1800	1800	1800	1800
KEB25100F	2000	2000	2000	2000
KEB25150F	2700	2700	2700	2700
KEB50100F	3300	3300	3300	3300
KEB50150F	3700	3700	3700	3700
KEB50200F	4000	4000	4000	4000
KEB75150F	4000	4000	4000	4000

Wind Region C - Max Span

<b>Part</b>	<b>Steel</b> G450	<b>Steel</b> G250	<b>Timber</b> JD5 Joint Group	<b>Concrete</b> ≥ Grade N20
KEB2575F	N/A	N/A	N/A	N/A
KEB25100F	N/A	N/A	N/A	N/A
KEB25150F	2700	2700	2700	2700
KEB50100F	3000	3000	3000	3000
KEB50150F	3000	3000	3000	3000
KEB50200F	3000	3000	3000	3000
KEB75150F	3000	3000	3000	3000

**NB. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.**

**Tables are a guide only - please consult the following engineering for full details.**

## 50mm / 75mm Batten Systems

Connection Type	Minimum Requirement for Supporting Members	Required Fixing to Supporting Members	Maximum Spacing
Batten to Base Plate Clip	1.8mm Thick Batten	4No. 12g Stainless Steel Tek Screws (Grade 304)	At top/bottom of every batten.
Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	2No. 12g Stainless Steel Tek Screw (Grade 304) or 2No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		
Base Plate Clip to Timber	JD5 Joint Group	2No.12g Stainless Steel Type 17 Screws (Grade 304). Min. 40mm embedment depth, 30mm edge distance (perpendicular to load) and 60mm end distance (parallel to load).	At top/bottom of every batten.
Base Plate Clip* or Batten direct-fix to concrete	N20 concrete, 100mm min. thick.	1No. M8 Ramset Trubolt Stud Anchor A4 316 SS T08055SSA. Min. 60mm edge distance and 35mm effective embedment depth to concrete.	At top/bottom of every batten.
Batten direct-fix to timber	JD5 Joint Group	4No.10g Stainless Steel Type 17 Screws (Grade 304). Min. 40mm embedment depth, 30mm edge distance (perpendicular to load) and 60mm end distance (parallel to load).	At top/bottom of every batten.
Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	4No. 12g Stainless Steel Tek Screw (Grade 304) or 4No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		

## 25mm Batten Systems

Connection Type	Minimum Requirement for Supporting Members	Required Fixing to Supporting Members	Maximum Spacing
Batten to Base Plate Clip	1.8mm Thick Batten	2 No. 12g Stainless Steel Tek Screws (Grade 304)	At top/bottom of every batten.
Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	1No. 12g Stainless Steel Tek Screw (Grade 304) or 1No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		
Base Plate Clip to Timber	JD5 Joint Group	1No.12g Stainless Steel Type 17 Screws (Grade 304). Min. 45mm embedment depth, 35mm edge distance (perpendicular to load) and 65mm	At top/bottom of every batten.
Base Plate Clip* or Batten direct-fix to concrete	N20 concrete, 100mm min. thick.	1No. M8 Ramset Trubolt Stud Anchor A4 316 SS T08055SSA. Min. 60mm edge distance and 35mm effective embedment depth to concrete.	At top/bottom of every batten.
Batten direct-fix to timber	JD5 Joint Group	2No.12g Stainless Steel Type 17 Screws (Grade 304). Min. 40mm embedment depth, 30mm edge distance (perpendicular to load) and 60mm end distance (parallel to load).	At top/bottom of every batten.
Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	2No. 12g Stainless Steel Tek Screw (Grade 304) or 4No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		

**NB. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.**

**Tables are a guide only - please consult the following engineering for full details.**

## 50mm / 75mm Batten Systems

Connection Type	Minimum Requirement for Supporting Members	Required Fixing to Supporting Members	Maximum Spacing
Batten to Base Plate Clip	1.8mm Thick Batten	4No. 12g Stainless Steel Tek Screws (Grade 304)	At top/bottom of every batten.
Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	2No. 12g Stainless Steel Tek Screw (Grade 304) or 2No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		
Base Plate Clip to Timber	JD5 Joint Group	2No.12g Stainless Steel Type 17 Screws (Grade 304). Min. 40mm embedment depth, 30mm edge distance (perpendicular to load) and 60mm end distance (parallel to load).	At top/bottom of every batten.
Base Plate Clip* or Batten direct-fix to concrete	N20 concrete, 100mm min. thick.	1No. M8 Ramset Trubolt Stud Anchor A4 316 SS T08055SSA. Min. 60mm edge distance and 35mm effective embedment depth to concrete.	At top/bottom of every batten.
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Base Plate Clip to Steel	0.95mm thick plate/flange, G450 cold-formed steel	4No. 12g Stainless Steel Tek Screw (Grade 304) or 4No. M6 A4 SS bolts. Min. 10mm edge distance. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.	At top/bottom of every batten.
	3mm Thick Plate/Flange. G250 Steel		

## 25mm Batten Systems

Connection Type	Minimum Requirement for Supporting Members	Required Fixing to Supporting Members	Maximum Spacing
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	3mm Thick Plate/Flange. G250 Steel		

**NB. Dissimilar metals shall be isolated from one another where dissimilar metal corrosion can occur.**

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