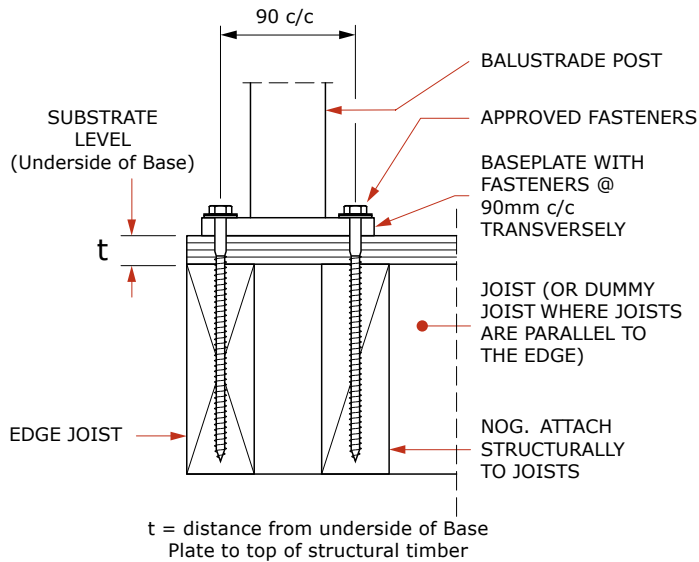


FIXING SPECIFICATIONS

NZBAL-C12.0 | SPEC ID FS.1T.02.00

DRY TIMBER - TOP FIXING, 90MM CRS

Refer to all notes on Pages 72 and 73 which shall apply to this specification and the relevant pages in Chapter 5 Installation Guides. Refer also to Chapter 2 for the Style Specification.



- For details of approved fasteners refer to General Notes on Page 72 note 3.
- Washers to be fitted under screw and bolt heads shall be as follows
 - For 6mm fasteners - washer supplied with fasteners.
 - For FC8-165 fasteners - washer supplied with fasteners.
 - For 8mm bolts - 22mm O.D. S/S washer (Part No. FW8-22) with a polymer washer (Part No. FWP8-22G) between the S/S and the aluminium.
 - For Washers bearing against timber use 50 x 50 x 3mm stainless steel washers Part No FW10-50SQ.
- Substrate design including waterproofing and the structural design of the timber substrate and its connections are not included in this specification and must be carried out by others.



MAXIMUM POST CENTRES 'S max' (metres) ALWAYS TAKE THE LESSER OF THE VALUE BELOW AND THE VALUE FROM THE STYLE SPECIFICATION

Height ⁽³⁾	Baseplate Size D x W	Fasteners - Qty and Type ⁽²⁾	‘t’ (See diag- ram)	Line No.	LOADING CLASS ⁽¹⁾																			
					N07C/N07R										N03R	Not Preventing Fall								
					Design Wind Speed ⁽⁴⁾											Design Wind Speed ⁽⁴⁾								
					VH		EH									M		H			VH			EH
50	52	54	56	58	60	62	64	N/A	38	40	42	44	46	48	50	52	54	56						
1.0	115 x 105	4 x FC8-165	19	1	1.87	1.87	1.87	1.86	1.74	1.62	1.52	1.43	4.01	3.51	3.51	3.31	3.02	2.76	2.54	2.34	2.16	2.00	1.86	
	115 x 105	4 x FC8-165	25	2	1.79	1.79	1.79	1.79	1.66	1.56	1.46	1.37	3.84	3.36	3.36	3.17	2.89	2.65	2.43	2.24	2.07	1.92	1.79	
	115 x 105	4 x FC8-165	32	3	1.70	1.70	1.70	1.69	1.58	1.48	1.38	1.30	3.64	3.19	3.19	3.01	2.74	2.51	2.31	2.13	1.97	1.82	1.69	
	115 x 105	4 x M8 Bolts	N/A	4	2.15	2.15	2.15	2.15	2.00	1.87	1.75	1.64	4.62	4.04	4.04	3.82	3.48	3.18	2.92	2.69	2.49	2.31	2.15	
1.1	115 x 105	4 x FC8-165	19	5	1.70	1.70	1.66	1.54	1.44	1.34	1.26	1.18	3.64	2.90	2.90	2.74	2.49	2.28	2.10	1.93	1.79	1.66	1.54	
	115 x 105	4 x FC8-165	25	6	1.63	1.63	1.59	1.48	1.38	1.29	1.20	1.13	3.49	2.78	2.78	2.62	2.39	2.19	2.01	1.85	1.71	1.59	1.48	
	115 x 105	4 x FC8-165	32	7	1.55	1.55	1.51	1.40	1.31	1.22	1.14	1.07	3.31	2.63	2.63	2.49	2.27	2.08	1.91	1.76	1.62	1.51	1.40	
	115 x 105	4 x M8 Bolts	N/A	8	1.96	1.96	1.91	1.77	1.65	1.55	1.45	1.36	4.20	3.34	3.34	3.15	2.87	2.63	2.42	2.23	2.06	1.91	1.77	
1.2	115 x 105	4 x FC8-165	19	9	1.56	1.50	1.39	1.29	1.21	1.13	1.06	0.99	3.34	2.44	2.44	2.30	2.10	1.92	1.76	1.62	1.50	1.39	1.29	
	115 x 105	4 x FC8-165	25	10	1.49	1.44	1.33	1.24	1.16	1.08	1.01	0.95	3.20	2.33	2.33	2.20	2.01	1.84	1.69	1.56	1.44	1.33	1.24	
	115 x 105	4 x FC8-165	32	11	1.42	1.36	1.27	1.18	1.10	1.03	0.96	0.90	3.04	2.21	2.21	2.09	1.91	1.74	1.60	1.48	1.36	1.27	1.18	
	115 x 105	4 x M8 Bolts	N/A	12	1.80	1.73	1.60	1.49	1.39	1.30	1.22	1.14	3.85	2.81	2.81	2.65	2.42	2.21	2.03	1.87	1.73	1.60	1.49	

- LOADING CLASS: Refer to Page 176 for the scope of the Loading Class designations.
- FASTENER DESIGNATIONS: beginning with 'F' are part numbers for fasteners supplied by UNEX eg. FC8-165; FC = Coach Screw Stainless Steel. 8 = 8mm diameter, 165 = length in mm; Substitution with other fasteners is not permitted.
- HEIGHT 'H': is the overall height of the balustrade above the substrate level shown. Interpolate for Heights between those shown.
- DESIGN WIND SPEED: in m/s, Refer to Pages 51 to 52 for details of applicable wind codes and the methods for determining the Design Wind Speed.

Specifications subject to change without notice