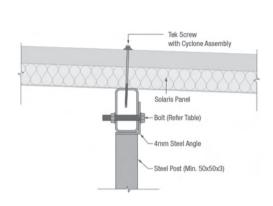
POST SELECTION

POST TO BEAM CONNECTIONS

For each post, use the uplift on post (kN) to select the post to beam connection.



Solaris Panel

Bolts (Refer Table)
Timber Beam

Timber Post
(Min. 90x90xF7)

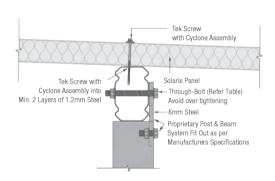
70 Min.

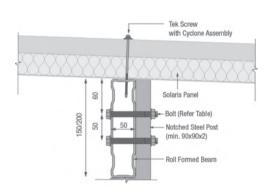
Note
D= Denotes Bolt Diameter

Type 17 Tek Screw with Cyclone Assembly

R.H.S. POST TO R.H.S. BEAM JOINT







PROPRIETARY SYSTEMS

R.H.S. POST TO FIMRLOK BEAM JOINT

BOLT SIZE TABLE						
Post Material	Grade	Maximum Uplift on Post (kN)				
		Min. Thickness (mm)	1-M12/4.6	2-M12/4.6	2-M16/4.6	2-M20/4.6
Timber	JD4/J3	45	7.8	15.6	20.9	-
Steel (Hollow Section)	G350	2	14.0	28.0	38.0	48.0
Cold-Formed Steel (Typical)	G450	0.6	3.9	7.8	9.3	11.7
Cold-Formed Steel (Firmlok)	G550	1	7.8	15.6	20.7	21.6
		2	15.5	31.0	42.0	52.0