Single Pro Fix - Fixing to Roof Sheeting - 0.42BMT - Using 4 Bremick 6.2x25mm Vortex Screws - 2100 Modules

	TC	Pitch	H	h/d & h/b	Zone	SPAN (mm)			
						Proline 35	Proline 50	FixZ-7	FixZ-15
Wind Region A	TC2	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1155	1468	1517	1374
					mid	1286	1820	1517	1374
				h/d or h/b > 0.5	All	1224	1649	1517	1374
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1042	1196	1235	1121
					mid	1158	1477	1235	1121
				h/d or h/b > 0.5	All	1104	1341	1235	1121
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	989	1077	1112	1010
					mid	1098	1328	1112	1010
				h/d or h/b > 0.5	All	1047	1206	1112	1010
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1047	951
					mid	1065	1249	1047	951
				h/d or h/b > 0.5	All	1016	1135	1047	951
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	924	939	969	880
					mid	1024	1155	969	880
				h/d or h/b > 0.5	All	977	1050	969	880
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1155	1468	1517	1374
					mid	1403	2066	1517	1374
				h/d or h/b > 0.5	All	1224	1649	1517	1374
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1042	1196	1235	1121
					mid	1261	1751	1235	1121
				h/d or h/b > 0.5	All	1104	1341	1235	1121
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	989	1077	1112	1010
					mid	1195	1572	1112	1010
				h/d or h/b > 0.5	All	1047	1206	1112	1010
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1047	951
					mid	1159	1477	1047	951
				h/d or h/b > 0.5	All	1016	1135	1047	951
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	924	939	969	880
					mid	1113	1365	969	880
				h/d or h/b > 0.5	All	977	1050	969	880
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1155	1468	1850	1641
					mid	1403	2066	1850	1641
				h/d or h/b > 0.5	All	1364	2010	1850	1641
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1042	1196	1501	1335
					mid	1261	1751	1501	1335
				h/d or h/b > 0.5	All	1228	1659	1501	1335
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	989	1077	1349	1201
					mid	1195	1572	1349	1201
				h/d or h/b > 0.5	All	1163	1490	1349	1201
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1269	1130
					mid	1159	1477	1269	1130
				h/d or h/b > 0.5	All	1128	1401	1269	1130
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	924	939	1173	1046
					mid	1113	1365	1173	1046
				h/d or h/b > 0.5	All	1084	1294	1173	1046
	TC2.5	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1213	1621	1675	1516
					mid	1352	1993	1675	1516
				h/d or h/b > 0.5	All	1287	1822	1675	1516
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1141	1433	1481	1342
					mid	1270	1776	1481	1342
				h/d or h/b > 0.5	All	1209	1609	1481	1342
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1077	1277	1320	1196
					mid	1198	1579	1320	1196
				h/d or h/b > 0.5	All	1141	1433	1320	1196
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1031	1171	1209	1097
					mid	1146	1445	1209	1097
				h/d or h/b > 0.5	All	1092	1312	1209	1097
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	979	1056	1090	989
					mid	1087	1301	1090	989
				h/d or h/b > 0.5	All	1036	1182	1090	989
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1213	1621	1675	1516
					mid	1477	2176	1675	1516
				h/d or h/b > 0.5	All	1287	1822	1675	1516
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1141	1433	1481	1342
					mid	1385	2041	1481	1342
				h/d or h/b > 0.5	All	1209	1609	1481	1342
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1077	1277	1320	1196
					mid	1305	1874	1320	1196
				h/d or h/b > 0.5	All	1141	1433	1320	1196
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1031	1171	1209	1097
					mid	1247	1713	1209	1097
				h/d or h/b > 0.5	All	1092	1312	1209	1097
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	979	1056	1090	989
					mid	1183	1539	1090	989
				h/d or h/b > 0.5	All	1036	1182	1090	989
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1213	1621	2047	1813
					mid	1477	2176	2047	1813
				h/d or h/b > 0.5	All	1436	2116	2047	1813
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1141	1433	1805	1602
					mid	1385	2041	1805	1602
				h/d or h/b > 0.5	All	1348	1985	1805	1602
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1077	1277	1605	1426
					mid	1305	1874	1605	1426
				h/d or h/b > 0.5	All	1270	1775	1605	1426
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1031	1171	1468	1306
					mid	1247	1713	1468	1306
				h/d or h/b > 0.5	All	1214	1623	1468	1306
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	979	1056	1322	1177
					mid	1183	1539	1322	1177
				h/d or h/b > 0.5	All	1151	1459	1322	1177
	TC3	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1279	1799	1861	1682
					mid	1427	2102	1861	1682
				h/d or h/b > 0.5	All	1357	1999	1861	1682
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1279	1799	1861	1682
					mid	1427	2102	1861	1682
				h/d or h/b > 0.5	All	1357	1999	1861	1682
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1183	1541	1593	1442
					mid	1318	1913	1593	1442
				h/d or h/b > 0.5	All	1254	1732	1593	1442
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1115	1368	1413	1280
					mid	1240	1693	1413	1280
				h/d or h/b > 0.5	All	1181	1535	1413	1280
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	1042	1196	1235	1121
					mid	1158	1477	1235	1121
				h/d or h/b > 0.5	All	1104	1341	1235	1121
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1279	1799	1861	1682
					mid	1560	2298	1861	1682
				h/d or h/b > 0.5	All	1357	1999	1861	1682
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1279	1799	1861	1682
					mid	1560	2298	1861	1682
				h/d or h/b > 0.5	All	1357	1999	1861	1682
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1183	1541	1593	1442
					mid	1439	2120	1593	1442
				h/d or h/b > 0.5	All	1254	1732	1593	1442
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1115	1368	1413	1280
					mid	1352	1992	1413	1280
				h/d or h/b > 0.5	All	1181	1535	1413	1280
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	1042	1196	1235	1121
					mid	1261	1751	1235	1121
				h/d or h/b > 0.5	All	1104	1341	1235	1121
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1279	1799	2278	2016
					mid	1560	2298	2278	2016
				h/d or h/b > 0.5	All	1516	2234	2278	2016
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1279	1799	2278	2016
					mid	1560	2298	2278	2016
				h/d or h/b > 0.5	All	1516	2234	2278	2016
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1183	1541	1944	1724
					mid	1439	2120	1944	1724
				h/d or h/b > 0.5	All	1399	2061	1944	1724
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	1115	1368	1720	1528
					mid	1352	1992	1720	1528
				h/d or h/b > 0.5	All	1315	1904	1720	1528
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	1042	1196	1501	1335
					mid	1261	1751	1501	1335
				h/d or h/b > 0.5	All	1228	1659	1501	1335

Single Pro Fix - Fixing to Roof Sheeting - 0.42BMT - Using 4 Bremick 6.2x25mm Vortex Screws - 2100 Modules

	TC	Pitch	H	h/d & h/b	Zone	SPAN (mm)			
						Proline 35	Proline 50	FixZ-7	FixZ-15
Wind Region B	TC2	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	994	1087	1123	1019
					mid	1104	1340	1123	1019
				h/d or h/b > 0.5	All	1052	1218	1123	1019
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	890	890	918	834
					mid	997	1094	918	834
				h/d or h/b > 0.5	All	951	995	918	834
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	802	802	828	753
					mid	946	985	828	753
				h/d or h/b > 0.5	All	897	897	828	753
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	756	756	781	710
					mid	918	928	781	710
				h/d or h/b > 0.5	All	845	845	781	710
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	701	701	723	658
					mid	859	859	723	658
				h/d or h/b > 0.5	All	783	783	723	658
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	994	1087	1123	1019
					mid	1201	1587	1123	1019
				h/d or h/b > 0.5	All	1052	1218	1123	1019
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	890	890	918	834
					mid	1083	1291	918	834
				h/d or h/b > 0.5	All	951	995	918	834
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	802	802	828	753
					mid	1028	1162	828	753
				h/d or h/b > 0.5	All	897	897	828	753
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	756	756	781	710
					mid	997	1094	781	710
				h/d or h/b > 0.5	All	845	845	781	710
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	701	701	723	658
					mid	959	1012	723	658
				h/d or h/b > 0.5	All	783	783	723	658
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	994	1087	1362	1212
					mid	1201	1587	1362	1212
				h/d or h/b > 0.5	All	1169	1504	1362	1212
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	890	890	1111	990
					mid	1083	1291	1111	990
				h/d or h/b > 0.5	All	1055	1225	1111	990
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	802	802	1001	893
					mid	1028	1162	1001	893
				h/d or h/b > 0.5	All	1001	1103	1001	893
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	756	756	943	841
					mid	997	1094	943	841
				h/d or h/b > 0.5	All	971	1038	943	841
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	701	701	873	779
					mid	959	1012	873	779
				h/d or h/b > 0.5	All	934	961	873	779
	TC2.5	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1043	1197	1237	1122
					mid	1159	1479	1237	1122
				h/d or h/b > 0.5	All	1104	1342	1237	1122
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	982	1062	1097	996
					mid	1091	1309	1097	996
				h/d or h/b > 0.5	All	1039	1189	1097	996
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	928	949	980	890
					mid	1030	1168	980	890
				h/d or h/b > 0.5	All	982	1062	980	890
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	871	871	899	817
					mid	986	1071	899	817
				h/d or h/b > 0.5	All	941	974	899	817
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	787	787	812	738
					mid	937	966	812	738
				h/d or h/b > 0.5	All	879	879	812	738
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1043	1197	1237	1122
					mid	1262	1753	1237	1122
				h/d or h/b > 0.5	All	1104	1342	1237	1122
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	982	1062	1097	996
					mid	1186	1549	1097	996
				h/d or h/b > 0.5	All	1039	1189	1097	996
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	928	949	980	890
					mid	1120	1380	980	890
				h/d or h/b > 0.5	All	982	1062	980	890
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	871	871	899	817
					mid	1072	1264	899	817
				h/d or h/b > 0.5	All	941	974	899	817
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	787	787	812	738
					mid	1017	1139	812	738
				h/d or h/b > 0.5	All	879	879	812	738
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1043	1197	1502	1336
					mid	1262	1753	1502	1336
				h/d or h/b > 0.5	All	1228	1661	1502	1336
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	982	1062	1330	1184
					mid	1186	1549	1330	1184
				h/d or h/b > 0.5	All	1155	1468	1330	1184
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	928	949	1186	1057
					mid	1120	1380	1186	1057
				h/d or h/b > 0.5	All	1090	1308	1186	1057
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	871	871	1087	970
					mid	1072	1264	1087	970
				h/d or h/b > 0.5	All	1044	1199	1087	970
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	787	787	981	875
					mid	1017	1139	981	875
				h/d or h/b > 0.5	All	991	1081	981	875
	TC3	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1098	1326	1370	1241
					mid	1221	1640	1370	1241
				h/d or h/b > 0.5	All	1162	1487	1370	1241
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1098	1326	1370	1241
					mid	1221	1640	1370	1241
				h/d or h/b > 0.5	All	1162	1487	1370	1241
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1018	1140	1178	1069
					mid	1131	1407	1178	1069
				h/d or h/b > 0.5	All	1077	1277	1178	1069
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1047	951
					mid	1065	1249	1047	951
				h/d or h/b > 0.5	All	1016	1135	1047	951
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	890	890	918	834
					mid	997	1094	918	834
				h/d or h/b > 0.5	All	951	995	918	834
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1098	1326	1370	1241
					mid	1330	1948	1370	1241
				h/d or h/b > 0.5	All	1162	1487	1370	1241
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1098	1326	1370	1241
					mid	1330	1948	1370	1241
				h/d or h/b > 0.5	All	1162	1487	1370	1241
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1018	1140	1178	1069
					mid	1231	1667	1178	1069
				h/d or h/b > 0.5	All	1077	1277	1178	1069
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1047	951
					mid	1159	1478	1047	951
				h/d or h/b > 0.5	All	1016	1135	1047	951
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	890	890	918	834
					mid	1083	1291	918	834
				h/d or h/b > 0.5	All	951	995	918	834
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	1098	1326	1667	1481
					mid	1330	1948	1667	1481
				h/d or h/b > 0.5	All	1294	1844	1667	1481
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	1098	1326	1667	1481
					mid	1330	1948	1667	1481
				h/d or h/b > 0.5	All	1294	1844	1667	1481
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	1018	1140	1430	1272
					mid	1231	1667	1430	1272
				h/d or h/b > 0.5	All	1198	1579	1430	1272
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	960	1014	1269	1130
					mid	1159	1478	1269	1130
				h/d or h/b > 0.5	All	1128	1401	1269	1130
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	890	890	1111	990
					mid	1083	1291	1111	990
				h/d or h/b > 0.5	All	1055	1225	1111	990

Single Pro Fix - Fixing to Roof Sheeting - 0.42BMT - Using 4 Bremick 6.2x25mm Vortex Screws - 2100 Modules

	TC	Pitch	H	h/d & h/b	Zone	SPAN (mm)			
						Proline 35	Proline 50	FixZ-7	FixZ-15
Wind Region C	TC2	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	784	784	809	735
					mid	935	962	809	735
				h/d or h/b > 0.5	All	876	876	809	735
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	643	643	664	604
					mid	788	788	664	604
				h/d or h/b > 0.5	All	718	718	664	604
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	600	546
					mid	712	712	600	546
				h/d or h/b > 0.5	All	649	649	600	546
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	548	548	566	515
					mid	671	671	566	515
				h/d or h/b > 0.5	All	612	612	566	515
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	508	508	525	478
					mid	622	622	525	478
				h/d or h/b > 0.5	All	567	567	525	478
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	784	784	809	735
					mid	1015	1134	809	735
				h/d or h/b > 0.5	All	876	876	809	735
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	643	643	664	604
					mid	918	928	664	604
				h/d or h/b > 0.5	All	718	718	664	604
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	600	546
					mid	837	837	600	546
				h/d or h/b > 0.5	All	649	649	600	546
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	548	548	566	515
					mid	788	788	566	515
				h/d or h/b > 0.5	All	612	612	566	515
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	508	508	525	478
					mid	731	731	525	478
				h/d or h/b > 0.5	All	567	567	525	478
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	784	784	977	872
					mid	1015	1134	977	872
				h/d or h/b > 0.5	All	989	1077	977	872
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	643	643	800	715
					mid	918	928	800	715
				h/d or h/b > 0.5	All	881	881	800	715
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	723	646
					mid	837	837	723	646
				h/d or h/b > 0.5	All	795	795	723	646
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	548	548	681	609
					mid	788	788	681	609
				h/d or h/b > 0.5	All	749	749	681	609
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	508	508	631	565
					mid	731	731	631	565
				h/d or h/b > 0.5	All	694	694	631	565
	TC2.5	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	862	862	889	808
					mid	981	1059	889	808
				h/d or h/b > 0.5	All	936	963	889	808
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	766	766	790	719
					mid	924	940	790	719
				h/d or h/b > 0.5	All	856	856	790	719
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	686	686	707	643
					mid	841	841	707	643
				h/d or h/b > 0.5	All	766	766	707	643
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	630	630	650	592
					mid	772	772	650	592
				h/d or h/b > 0.5	All	703	703	650	592
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	570	570	588	535
					mid	698	698	588	535
				h/d or h/b > 0.5	All	636	636	588	535
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	862	862	889	808
					mid	1066	1250	889	808
				h/d or h/b > 0.5	All	936	963	889	808
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	766	766	790	719
					mid	1003	1108	790	719
				h/d or h/b > 0.5	All	856	856	790	719
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	686	686	707	643
					mid	948	990	707	643
				h/d or h/b > 0.5	All	766	766	707	643
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	630	630	650	592
					mid	908	908	650	592
				h/d or h/b > 0.5	All	703	703	650	592
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	570	570	588	535
					mid	820	820	588	535
				h/d or h/b > 0.5	All	636	636	588	535
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	862	862	1076	959
					mid	1066	1250	1076	959
				h/d or h/b > 0.5	All	1038	1186	1076	959
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	766	766	955	852
					mid	1003	1108	955	852
				h/d or h/b > 0.5	All	978	1052	955	852
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	686	686	854	762
					mid	948	990	854	762
				h/d or h/b > 0.5	All	924	940	854	762
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	630	630	784	700
					mid	908	908	784	700
				h/d or h/b > 0.5	All	863	863	784	700
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	570	570	708	633
					mid	820	820	708	633
				h/d or h/b > 0.5	All	779	779	708	633
	TC3	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	930	952	983	893
					mid	1032	1171	983	893
				h/d or h/b > 0.5	All	984	1065	983	893
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	930	952	983	893
					mid	1032	1171	983	893
				h/d or h/b > 0.5	All	984	1065	983	893
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	821	821	848	770
					mid	957	1009	848	770
				h/d or h/b > 0.5	All	913	918	848	770
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	732	732	756	687
					mid	898	898	756	687
				h/d or h/b > 0.5	All	818	818	756	687
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	643	643	664	604
					mid	788	788	664	604
				h/d or h/b > 0.5	All	718	718	664	604
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	930	952	983	893
					mid	1121	1384	983	893
				h/d or h/b > 0.5	All	984	1065	983	893
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	930	952	983	893
					mid	1121	1384	983	893
				h/d or h/b > 0.5	All	984	1065	983	893
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	821	821	848	770
					mid	1040	1190	848	770
				h/d or h/b > 0.5	All	913	918	848	770
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	732	732	756	687
					mid	981	1058	756	687
				h/d or h/b > 0.5	All	818	818	756	687
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	643	643	664	604
					mid	918	928	664	604
				h/d or h/b > 0.5	All	718	718	664	604
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	930	952	1190	1060
					mid	1121	1384	1190	1060
				h/d or h/b > 0.5	All	1092	1313	1190	1060
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	930	952	1190	1060
					mid	1121	1384	1190	1060
				h/d or h/b > 0.5	All	1092	1313	1190	1060
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	821	821	1025	914
					mid	1040	1190	1025	914
				h/d or h/b > 0.5	All	1013	1129	1025	914
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	732	732	912	814
					mid	981	1058	912	814
				h/d or h/b > 0.5	All	955	1005	912	814
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	643	643	800	715
					mid	918	928	800	715
				h/d or h/b > 0.5	All	881	881	800	715

Single Pro Fix - Fixing to Roof Sheeting - 0.42BMT - Using 4 Bremick 6.2x25mm Vortex Screws - 2100 Modules

	TC	Pitch	H	h/d & h/b	Zone	SPAN (mm)			
						Proline 35	Proline 50	FixZ-7	FixZ-15
Wind Region D	TC2	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	554	554	572	521
					mid	679	679	572	521
				h/d or h/b > 0.5	All	619	619	572	521
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	456	456	471	429
					mid	558	558	471	429
				h/d or h/b > 0.5	All	509	509	471	429
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	413	413	426	388
					mid	504	504	426	388
				h/d or h/b > 0.5	All	460	460	426	388
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	389	389	402	366
					mid	476	476	402	366
				h/d or h/b > 0.5	All	434	434	402	366
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	361	361	373	340
					mid	441	441	373	340
				h/d or h/b > 0.5	All	403	403	373	340
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	554	554	572	521
					mid	798	798	572	521
				h/d or h/b > 0.5	All	619	619	572	521
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	456	456	471	429
					mid	655	655	471	429
				h/d or h/b > 0.5	All	509	509	471	429
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	413	413	426	388
					mid	591	591	426	388
				h/d or h/b > 0.5	All	460	460	426	388
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	389	389	402	366
					mid	558	558	402	366
				h/d or h/b > 0.5	All	434	434	402	366
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	361	361	373	340
					mid	517	517	373	340
				h/d or h/b > 0.5	All	403	403	373	340
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	554	554	689	616
					mid	798	798	689	616
				h/d or h/b > 0.5	All	758	758	689	616
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	456	456	566	507
					mid	655	655	566	507
				h/d or h/b > 0.5	All	622	622	566	507
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	413	413	512	458
					mid	591	591	512	458
				h/d or h/b > 0.5	All	562	562	512	458
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	389	389	483	432
					mid	558	558	483	432
				h/d or h/b > 0.5	All	530	530	483	432
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	361	361	448	401
					mid	517	517	448	401
				h/d or h/b > 0.5	All	492	492	448	401
	TC2.5	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	609	609	628	572
					mid	746	746	628	572
				h/d or h/b > 0.5	All	679	679	628	572
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	542	542	559	509
					mid	663	663	559	509
				h/d or h/b > 0.5	All	605	605	559	509
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	486	486	501	456
					mid	594	594	501	456
				h/d or h/b > 0.5	All	542	542	501	456
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	447	447	461	420
					mid	546	546	461	420
				h/d or h/b > 0.5	All	498	498	461	420
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	405	405	417	380
					mid	494	494	417	380
				h/d or h/b > 0.5	All	451	451	417	380
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	609	609	628	572
					mid	877	877	628	572
				h/d or h/b > 0.5	All	679	679	628	572
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	542	542	559	509
					mid	779	779	559	509
				h/d or h/b > 0.5	All	605	605	559	509
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	486	486	501	456
					mid	698	698	501	456
				h/d or h/b > 0.5	All	542	542	501	456
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	447	447	461	420
					mid	641	641	461	420
				h/d or h/b > 0.5	All	498	498	461	420
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	405	405	417	380
					mid	580	580	417	380
				h/d or h/b > 0.5	All	451	451	417	380
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	609	609	757	676
					mid	877	877	757	676
				h/d or h/b > 0.5	All	833	833	757	676
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	542	542	673	602
					mid	779	779	673	602
				h/d or h/b > 0.5	All	741	741	673	602
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	486	486	603	539
					mid	698	698	603	539
				h/d or h/b > 0.5	All	663	663	603	539
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	447	447	555	496
					mid	641	641	555	496
				h/d or h/b > 0.5	All	609	609	555	496
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	405	405	502	449
					mid	580	580	502	449
				h/d or h/b > 0.5	All	551	551	502	449
	TC3	0≤α<5°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	671	671	693	630
					mid	823	823	693	630
				h/d or h/b > 0.5	All	750	750	693	630
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	671	671	693	630
					mid	823	823	693	630
				h/d or h/b > 0.5	All	750	750	693	630
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	599	545
					mid	711	711	599	545
				h/d or h/b > 0.5	All	648	648	599	545
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	518	518	535	487
					mid	634	634	535	487
				h/d or h/b > 0.5	All	578	578	535	487
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	456	456	471	429
					mid	558	558	471	429
				h/d or h/b > 0.5	All	509	509	471	429
		5≤α<10°	0≤z≤5m	h/d & h/b ≤ 0.5	edge	671	671	693	630
					mid	938	969	693	630
				h/d or h/b > 0.5	All	750	750	693	630
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	671	671	693	630
					mid	938	969	693	630
				h/d or h/b > 0.5	All	750	750	693	630
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	599	545
					mid	836	836	599	545
				h/d or h/b > 0.5	All	648	648	599	545
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	518	518	535	487
					mid	745	745	535	487
				h/d or h/b > 0.5	All	578	578	535	487
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	456	456	471	429
					mid	655	655	471	429
				h/d or h/b > 0.5	All	509	509	471	429
		10≤α<30	0≤z≤5m	h/d & h/b ≤ 0.5	edge	671	671	836	747
					mid	938	969	836	747
				h/d or h/b > 0.5	All	914	920	836	747
			5m<z≤10m	h/d & h/b ≤ 0.5	edge	671	671	836	747
					mid	938	969	836	747
				h/d or h/b > 0.5	All	914	920	836	747
			10m<z≤15m	h/d & h/b ≤ 0.5	edge	581	581	722	645
					mid	836	836	722	645
				h/d or h/b > 0.5	All	794	794	722	645
			15m<z≤20m	h/d & h/b ≤ 0.5	edge	518	518	644	576
					mid	745	745	644	576
				h/d or h/b > 0.5	All	708	708	644	576
			20m<z≤30m	h/d & h/b ≤ 0.5	edge	456	456	566	507
					mid	655	655	566	507
				h/d or h/b > 0.5	All	622	622	566	507

DESIGN PARAMETERS

WIND PARAMETERS ARE IN ACCORDANCE WITH AS/NZS1170.2:2021. EARTHQUAKE AND SNOW LOADS ARE EXCLUDED TABLES ARE SUITABLE FOR BUILDINGS INCLUSIVE OF PARAMETERS REFFERED TO IN THE TABLES BELOW AND ASSUMPTION MANUAL ATTACHED.

REGION = A, B, C, D
IMPORTANCE LEVEL = 2
DESIGN LIFE = 25 YEARS
ANNUAL PROBABILITY = 1/200

Base Wind Speed

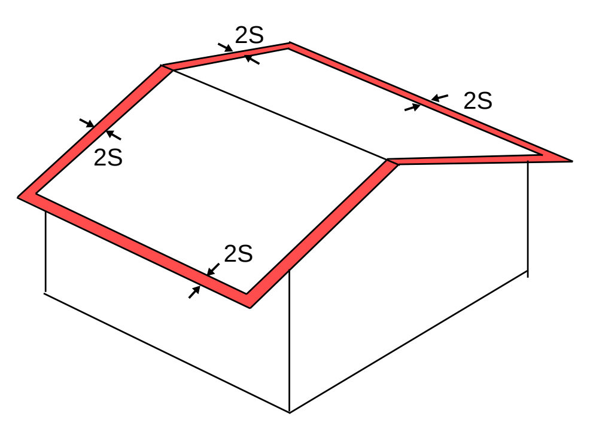
Region	A	B	C	D
Vr(m/s)	43	52	61	72

GENERAL

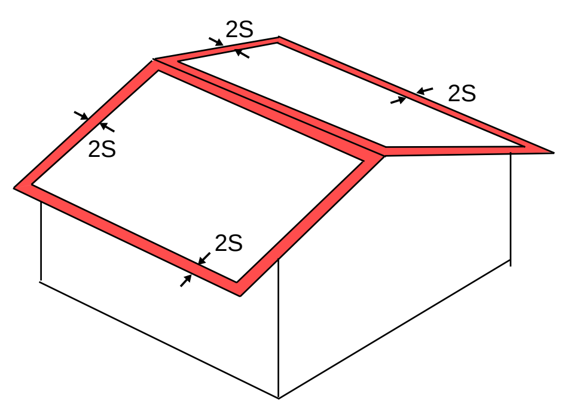
- SPAN TABLE TO BE READ WITH PARTRIDGE ASSUMPTIONS MANUAL.
- **REVIEW OF SUPPORTING BUILDING FOR STRUCTURAL ADEQUACY TO SUPPORT PANEL INSTALLATION BY OTHERS.**
- **REVIEW OF ROOF SHEETING FOR STRUCTURAL ADEQUACY TO SUPPORT PANEL INSALLATION BY OTHERS.**
- **THESE SPANS ARE ONLY APPLICABLE TO CONTINUOUS RAILS SUPPORTED BY A MINIMUM OF 4 FASTENERS. SEE BELOW FOR SPAN REDUCTION FACTORS FOR RAILS SUPPORTED BY LESS THAN 4 FASTENERS.**
- **REVIEW OF SOLAR PANEL STRUCTURAL CAPACITY BY OTHERS.**
- FASTENERS TO BE FIXED TO THE SUB STRUCTURE OR ROOF SHEETING WITH THE QUANTITY AND TYPE OF FASTENER NOTED IN THE TABLE.
- ALL FIXTURES TO BE INSTALLED TO THE MANUFACTURERS SPECIFICATIONS.
- ALLOWANCE HAS BEEN MADE FOR A SOLAR PANEL SELF WEIGHT OF 0.15 kPa.
- 2 RAILS MINIMUM ARE TO BE USED FOR ALL WIND REGIONS. RAILS TO BE LOCATED 15%-25% OF THE PANELS LENGTH FROM THE EDGE.
- PANELS TO BE ORIENTATED IN THE PORTRAIT POSITION.
- ALL RAILS ARE TO BE JOINED WITH RAIL CONNECTORS DOCUMENTED IN SCHLETTER Pty Ltd TECHNICAL ARTICLE Z-14.4-639.
- ALL RAILS TO SPAN THREE FULL SPAN MINIMUM (BE SUPPORTED BY MIN 4 FASTENERS). CANTILEVERS TO BE A MAXIMUM OF 40% OF THE ADJACENT SPAN CAPACITY.
- ALL RAILS, CLAMPS AND FASTENERS TO BE INSTALLED IN ACCORDANCE WITH THEIR RELEVANT SCHLETTER INC. DOCUMENTATION.
- FASTENERS FIXED TO TIMBER MUST COMPLY WITH EDGE DISTANCES OUTLINED IN AS1720.1:2010 SECTION 4.3.4.
- FASTENERS FIXED TO TIMBER FRAMING MUST USE A BREMICK VORTEX UNIVERSAL SCREW, WITH MINIMUM DIAMETER OF 6.2mm, AND A MINIMUM EMBEDMENT OF 35mm.
- TIMBER PURLINS MUST HAVE A MINIMUM WIDTH OF 10D WHERE D IS THE DIAMETER OF THE TIMBER SCREW.
- TIMBER PURLINS MUST HAVE A MINIMUM GRADE OF F7 AS DEFINED IN AS1720.1.
- FASTENERS FIXED TO COLD FORMED STEEL PURLINS MUST COMPLY WITH EDGE DISTANCES OUTLINED IN AS4600:2-18 SECTION 5.4.3
- STEEL PURLINS MUST HAVE A MINIMUM BASE METAL EQUAL TO THE VALUE SPECIFIED IN THE TABLE.
- STEEL PURLINS MUST HAVE A MINIMUM WITDTH OF 6D WHERE D IS THE DIAMETER OF THE STEEL SCREW.
- PARTRIDGE ENGINEERS Pty Ltd PREPARED DOCUMENTATION, PROJECT NUMBER 2021S0925, IS FOR THE EXCLUSIVE USE BY SCHLETTER AUSTRALIA PTY LTD ONLY.
- INSTALLATION VERIFICATION AND ASSOCIATED CERTIFICATION IS BY OTHERS.
- NO ALLOWANCE HAS BEEN MADE FOR HYDRAULIC, HAIL OR SNOW LOADING.
- INSTALLATION OUTSIDE THE SPECIFIC PARAMETERS REQUIRES SPECIFIC ENGINEERING ANALYSIS.
- INSTALLATIONS IN TERRAIN CATEGORY = 1.0, REDUCE EQUIVALENT TERRAIN CATEGORY 2.0 VALUES BY THE FOLLOWING;
  Region A = 18%
  Region B = 18%
  Region C/D = Specific engineering review required.
- REFER TO AS1170.2:2021 SECTION 4.2.1 FOR THE DETERMINATION OF TERRAIN CATEGORY.
- SOLAR PANELS HAVE BEEN CHECKED FOR WIND LOADINGS AND SHOULD BE CERTIFIED BY THE MANUFACTURER FOR THE VARIOUS SPANS AND WIND REGIONS.

SOLAR PANEL EXCLUSION ZONE & MOUNTING RESTRAINTS

EXCLUSION ZONES FOR < PITCH 10°



EXCLUSION ZONES FOR ≥PITCH 10°



PANELS MUST NOT BE INSTALLED WITHIN A DISTANCE OF 2S FROM THE ROOF EDGE WHERE S IS THE GAP BETWEEN THE UNDERSIDE OF THE PANEL AND THE ROOF SURFACE (ROOF EDGE INCLUDES RIDGES WITH PITCH ≥10)

THE EXCLUSION ZONE SHOWN ABOVE MUST BE MIN 200mm.

THE GAP BETWEEN THE UNDERSIDE OF THE PANEL AND THE ROOF SURFACE MUST BE MIN 50mm AND MAX 300mm

SPAN TABLE RULES FOR FixZ AND h/d OR h/b > 0.5 (SPANS HIGHLIGHTED ORANGE) 🟧

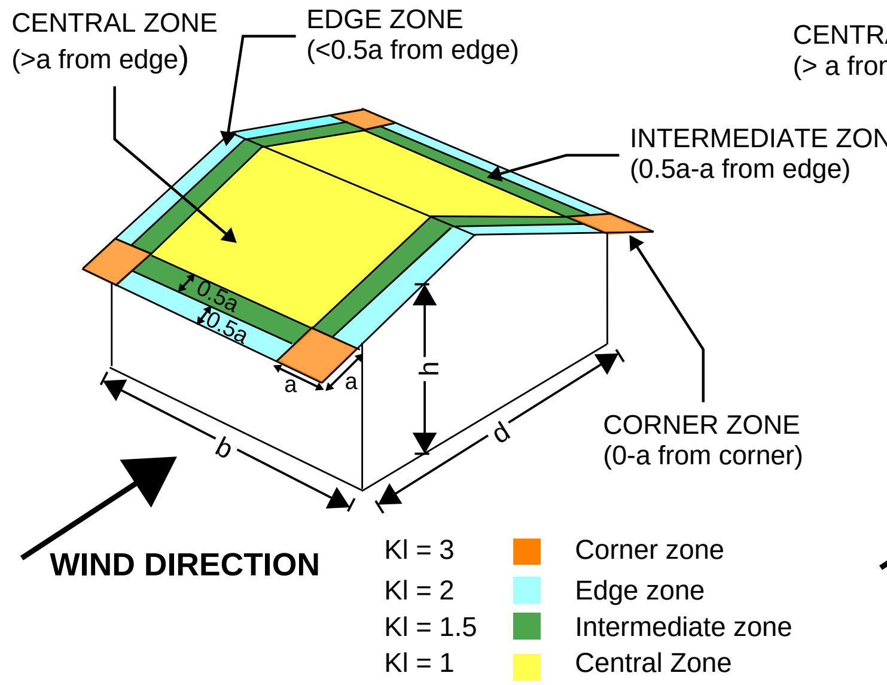
THE FASTENER SPACINGS IN THE TABLE ABOVE HIGHLIGHTED ORANGE MUST FOLLOW THE RULES DISCRIBED BELOW. THE FOLLOWING RULES ARE NOT APPLICABLE TO THE UNHIGHLIGHTED FASTENER SPACINGS.

FASTENER SPACINGS HIGHLIGHTED IN ORANGE MUST BE MULTIPLIED BY A FACTOR DEPENDING ON WHERE THEY ARE LOCATED ON THE ROOF. THE DIFFERENT ROOF ZONES CAN BE SEEN IN THE FIGURE BELOW.

CORNER ZONE: SPACINGS MUST BE MULTIPLIED BY 0.33
EDGE ZONE: SPACINGS MUST BE MULTIPLIED BY 0.5
INTERMEDIATE ZONE: SPACINGS MUST BE MULTIPLIED BY 0.66
CENTRAL ZONE: SPACINGS DO NOT NEED TO BE MULTIPLIED BY ANY FACTOR

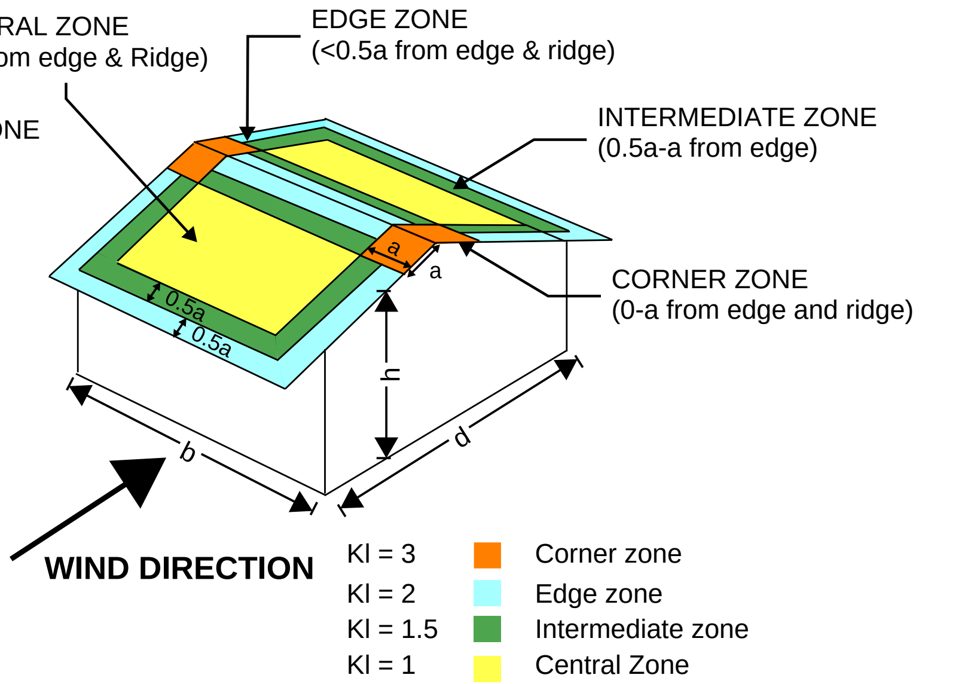
WHERE a = MIN(0.2d, 0.2b) if h/d or h/b ≥0.2, or 2h if h/d and h/b < 0.2

ROOF ZONES FOR ROOVES WITH PITCHES < 10°



KI = 3	🟧	Corner zone
KI = 2	🟦	Edge zone
KI = 1.5	🟩	Intermediate zone
KI = 1	🟨	Central Zone

ROOF ZONE FOR ROOVES WITH PITCHES ≥10°

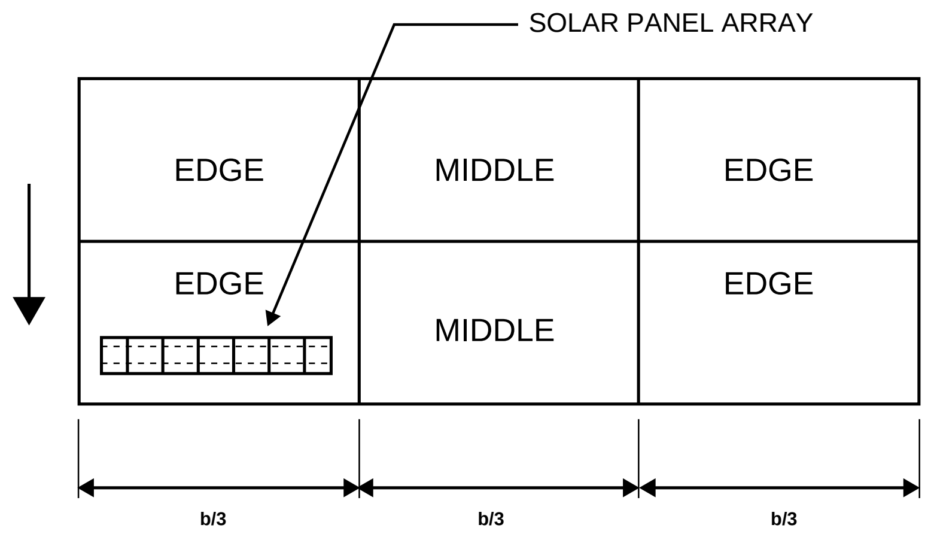


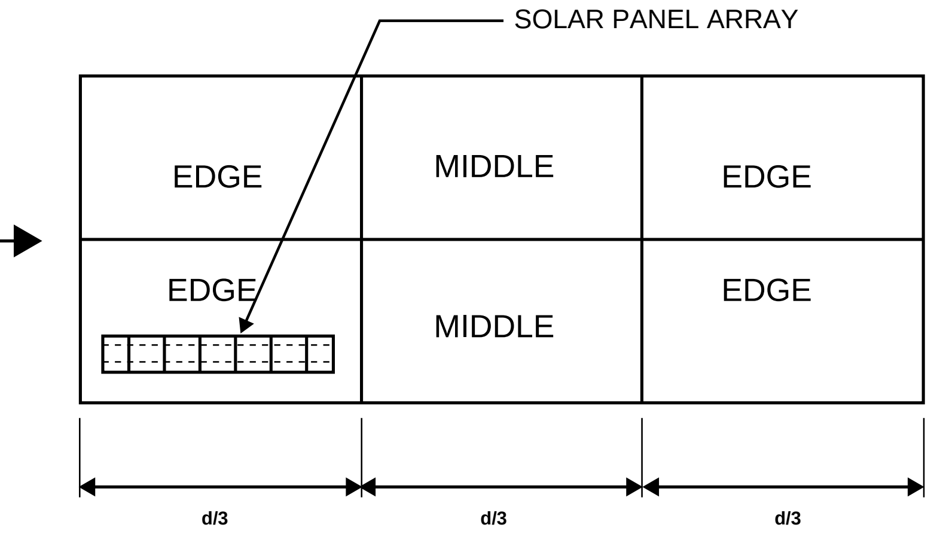
KI = 3	🟧	Corner zone
KI = 2	🟦	Edge zone
KI = 1.5	🟩	Intermediate zone
KI = 1	🟨	Central Zone

SPAN TABLE RULES FOR FLUSH PANELS WITH h/d AND h/b ≤0.5 (SPANS NOT HIGHLIGHTED)

THE FASTENER SPACINGS NOT HIGHLIGHTED IN ORANGE IN THE TABLE ABOVE NEED TO FOLLOW THE RULES DESCRIBED BELOW. THE FOLLOWING RULES ARE NOT APPLICABLE TO SPANS THAT ARE HIGHLIGHTED IN ORANGE.

IF THE FASTENER IS LOCATED IN THE EDGE ZONE OF THE ROOF (SEE BELOW), THEN READ THE SPACING FROM THE "EDGE" CELL. IF THE FASTENER IS LOCATED IN THE MIDDLE ZONE OF THE ROOF, THEN READ THE SPACING FROM THE "MID" CELL.





REDUCTION FACTORS FOR RAILS SUPPORTED BY LESS THAN 4 FASTENERS

SPANS FROM THE ABOVE TABLE CANNOT BE USED ON CONTINUOUS RAILS THAT ARE SUPPORTED BY LESS THAN 4 FASTENERS. WHERE A RAIL IS SUPPORTED BY LESS THAN 4 FASTENERS THE SPANS ABOVE SHOULD BE MULTIPLIED BY THE BELOW FACTOR.

RAIL SUPPORT REDUCTION FACTOR = 0.89

NOTE: RAIL MUST SPAN BETWEEN MIN TWO FASTENERS.

TERRAIN CATEGORY DEFINITIONS

AS1170.2 :2021 CLAUSE 4.2.1

TC1 - VERY EXPOSED OPEN TERRAIN WITH VERY FEW OR NO OBSTRUCTIONS, AND ALL WATER SURFACES

TC2 - OPEN TERRAIN, INCLUDING GRASSLAND, WITH WELL SCATTER OBSTRUCTIONS HAVING HEIGHTS GENERALLY FROM 1.5m TO 5m, WITH NO MORE THAN TWO OBSTRUCTIONS PER HECTARE

TC2.5 - TERRAIN WITH SOME TREES OR ISOLATED OBSTRUCTIONS, TERRAIN IN DEVELOPING OUTER URBAN AREAS WITH SCATTERED HOUSES, OR LARGE ACREAGE DEVELOPMENTS WITH MORE THAN TWO AND LESS THAN 10 BUILDINGS PER HECTARE

TC3 - TERRAIN WITH NUMEROUS CLOSELY SPACED OBSTRUCTIONS HAVING HEIGHTS GENERALLY FROM 3m TO 10m. THE MINIMUM DENSITY OF OBSTRUCTIONS SHALL BE ATLEAST THE EQUIVALENT OF 10 HOUSE-SIZE OBSTRUCTIONS PER HECTARE

TC4 - TERRAIN WITH NUMEROUS LARGE, HIGH (10m TO 30m TALL) AND CLOSELY SPACED CONSTRUCTIONS, SUCH AS LARGE CITY CENTRES AND WELL-DEVELOPED INDUSTRIAL COMPELXES.

ALTERATIONS TO SPAN TABLES FOR SOLAR PANEL SIZE

THIS SPAN TABLE IS FOR SOLAR PANELS OF SIZE 2100x1100mm. EACH RAIL SUPPORTS A SOLAR PANEL WIDTH OF 1050mm. THE SPACINGS SHOWN IN THE TABLES HAVE BEEN CALCULATED ASSUMING EACH PANEL IS SUPPORTED WITH TWO RAILS. THE SPANS IN THE TABLE CAN BE ALTERED FOR LARGER & SMALLER SOLAR PANELS USING THE FOLLOWING EQUATIONS.

FOR SOLAR PANELS WITH LENGTH LARGER THAN 2100mm

$$Span * \frac{2100}{y}$$

FOR SOLAR PANELS WITH LENGTH SMALLER THAN 2100mm

$$Span * \sqrt{\frac{2100}{y}}$$

WHERE y = NEW SOLAR PANEL LENGTH IN MM

ALTERATIONS TO SPAN TABLES FOR ADDITIONAL RAILS

THIS SPAN TABLE IS FOR SOLAR PANELS OF SIZE 2100x1100mm. EACH RAIL SUPPORTS A SOLAR PANEL WIDTH OF 1050mm. THE SPACINGS SHOWN IN THE TABLES HAVE BEEN CALCULATED ASSUMING EACH PANEL IS SUPPORTED WITH TWO RAILS. THE SPANS IN THE TABLE CAN BE ALTERED FOR ADDITIONAL RAILS USING THE FOLLOWING EQUATION.

$$Span * \sqrt{\frac{1050}{\left(\frac{2100}{n}\right)}}$$

WHERE n = THE TOTAL NUMBER RAILS SUPPORTING THE PANEL. RAILS MUST BE SPACED SO THAT THEY SUPPORT EVEN WIDTHS OF THE PANEL.

Rev.	Issue / Amendment	By	App.	Date
J	FOR INFORMATION	JW	AKD	17/08/2023
H	FOR INFORMATION	JW	AKD	02/08/2023
G	FOR INFORMATION	JW	AKD	14/04/2023
F	FOR INFORMATION	JW	AKD	22/12/2022

PARTRIDGE

PARTRIDGE STRUCTURAL PTY LTD ABN 73 002 451 925
Level 5, 1 Chandos Street, St Leonards NSW 2065 Australia
t 612 9460 9000 f 612 9460 9090
e partridge@partridge.com.au w www.partridge.com.au

Client
SCHLETTER AUSTRALIA PTY LTD

Architect

Project
2021S0925

Title
Single Pro Fix - Fixing to Roof Sheeting - 0.42BMT - Using 4 Bremick 6.2x25mm Vortex Screws - 2100 Modules

ELECTRONIC SIGNATURE:
THIS DRAWING HAS BEEN ASSIGNED AN ELECTRONIC SIGNATURE CODE. THE PRESENCE OF THIS CODE SIGNIFIES THAT THIS IS THE CERTIFIED DRAWING ISSUED FOR CONSTRUCTION.

DO NOT SCALE DRAWINGS
USE FIGURED DIMENSIONS

Electronic Code .	Signature Date	Designed JW
Scale at A1	Date 17/08/2023	Drawn JW
Job No. 2021S0925	Drawing No.	Revision J