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|-----------|--------------------|-----------|------------|-------------------------------------|
| Job Title | Kingspan TEK Panel | | | eZED Limited |
| | Various | | | Unit 3, 70 Glenda Drive, Queenstown |
| Job No. | 1561 | Sheet No. | Revision 1 | PO Box 2326 Wakatipu 9349 |
| Calcs By | PFH | Date | 04 Oct 17 | (03) 442 8998 |

Screw Pullout Test Data - Design Capacity

Pullout from 15mm OSB faced Kingspan SIP Panel, using AS/NZS 1170.0 Table B1 for kt value

| Anchor | EJOT TKR 4.8mm diameter, 60mmlong 8-Feb-12 | EJOT JT3-ST-2-6.0x100 8-Feb-12 | EJOT M5 x 50 insulation screw 8-Feb-12 | EJOT JA3 6.5 x 50 8-Feb-12 |
|----------------------------|---|---|---|---------------------------------------|
| Loading | Tension pullout Peak Load (N) | Tension pullout Peak Load (N) | Tension pullout Peak Load (N) | Tension pullout Peak Load (N) |
| 1 | 1726 | 1714 | 2215 | 1800 |
| 2 | 1085 | 2038 | 1990 | 1720 |
| 3 | 1598 | 1888 | 1422 | 2058 |
| 4 | 2235 | 2383 | 1502 | 1896 |
| 5 | 1231 | 2033 | 1604 | 1672 |
| 6 | 1934 | 2375 | 1554 | 1854 |
| 7 | 1822 | 2213 | 2223 | 2370 |
| 8 | 2243 | 2073 | 1704 | 1724 |
| 9 | 1984 | 1996 | 1884 | 1836 |
| 10 | 1854 | 1271 | 1994 | 1528 |
| Mean | 1771 | 1998 | 1809 | 1846 |
| Median | 1838 | 2036 | 1794 | 1818 |
| Std Dev. | 382 | 328 | 293 | 232 |
| Coef Variation | 22% | 16% | 16% | 13% |
| Minimum | 1085 | 1271 | 1422 | 1528 |
| kt | 1.558 | 1.558 | 1.558 | 1.558 |
| Design Capacity (N) | 696 | 816 | 913 | 981 |