

5112 Design Studio One - 2023 - BRIDGE 2 S/W Ratios

Student ID	Strength (load held grams) S	Weight of Bridge (grams) W	S/W Ratio
CLASS A1 ROOM 1070 Hamish Foote (17)			
1574320	17000	359	47.3
1515581	23000	300	76.6
1566839	5300	287	18.4
1567246	3000	228	13
1566793	9500	300	31.6
1571857	48000	209	229.6
1539876	16000	255	63
1572766			
1557275	10000	269	37
1568149	15000	323	46.6
1560811	38000	156	243.5
1574828	7500	293	25.5
1569691	1000	46	21.7
1568327	18000	275	65
1574251	36000	285	126
1569823	8000	271	29.5
1536603	2500	250	10
1566980	28000	180	155.5
1521462			
CLASS A3 ROOM 1070 Kerry Francis (14)			
1568382	62000	284	218.3
1541415	11000	342	32.16
1556367	50000	217	230.41
1562214			
1547822			
1551563			
1544223	10500	271	38.74
1569052	15000	250	60
1551386			
1495587	10000	238	42.01
1574240	4000	182	21.97
1573334	59250	272	217.83
1406462	9000	242	37.19
1580372	9000	241	37.34
1571107	26250	302	86.92
1558176	4000	85	47.05
1574400	12000	262	45.8
1470119	13500	112	120.54
1574783	35500	299	118.72

CLASS B1 ROOM 1043 Pip Newman (15)			
1568750	10000	170	59
1568430	28000	297	94
1563881			
1566330	7150	255	28
1549269	18000	226	79
1565144	95900	299	320
1565838	22000	300	73
1568761	14000	288	48.6
1543960	7000	279	25.1
1317113			
1572944	24000	285	84
1568624	6000	240	25
1572993	5800	222	26
1581388	14500	306	47
1497413	61000	246	248
1557955	25000	160	56
1566404	56000	281	199
1558819	12500	186	67.2
CLASS B2 ROOM 1043 Semisi Potauaine (16)			
1561452			
1576169	15800	240	65.83
1570714	2350	64	36.72
1573726	56000	288	194.4
1558755			
1514903	30000	150	200
1561991	17200	364	47.3
1489224	13000	203	64.04
1553705	12000	215	55.8
1560782	17400	228	76.32
1432920	10650	265	40.19
1571953	7100	212	33.4
1559600	3600	188	19.14
1502031	42000	268	157
1518437	29700	223	133.2
1470737	17000	298	58
1562418	18000	277	65
1551586	19600	304	64.47