

**Single Stud Wall Assemblies <sup>A</sup>**

UL Design No.	Hourly Rating	ProSTUD Minimum Thickness	ProSTUD Minimum Depth
U403	2	Pro22 (18-mil)	3-5/8"
U408	2	Pro22 (18-mil)	3-5/8"
U411	2	Pro25 (15-mil)	2-1/2"
U412	2	Pro25 (15-mil)	1-5/8"
U419	1, 2, 3 or 4	Pro25 (15-mil)	(See Table 1 Below)
U421	2	Pro25 (15-mil)	3-5/8"
U431	4	Pro22 (18-mil)	3-5/8"
U435	3 or 4	Pro25 (15-mil)	1-5/8"
U442 *	1	Pro33 (33-mil)	2-1/2"
U450	1 or 3	Pro22 (18-mil)	3-5/8"
U451	1	Pro22 (18-mil)	2-1/2"
U454	2	Pro22 (18-mil)	2-1/2"
U463	3 or 4	Pro22 (18-mil)	1-5/8"
U465	1	Pro22 (18-mil)	3-5/8"
U471	1-1/2	Pro22 (18-mil)	3-5/8"
U475	1, 2, or 3	Pro22 (18-mil)	3-5/8"
U478	3	Pro22 (18-mil)	1-5/8"
U485 *	2	Pro33 (33-mil)	2-1/2"
U488 *	1	Pro33 (33-mil)	2-1/2"
U490	4	Pro22 (18-mil)	2-1/2"
U491	2	Pro22 (18-mil)	3-5/8"
U494	1	Pro22 (18-mil)	2-1/2"
U495	1 or 2	Pro22 (18-mil)	3-5/8"
U496	1	Pro22 (18-mil)	1-5/8"

UL Design No.	Hourly Rating	ProSTUD Minimum Thickness	ProSTUD Minimum Depth
V410	2	Pro22 (18-mil)	1-5/8"
V412	2	Pro22 (18-mil)	3-5/8"
V416	1	Pro22 (18-mil)	3-5/8"
V417	1	Pro22 (18-mil)	3-5/8"
V418	2	Pro22 (18-mil)	1-5/8"
V419	2	Pro22 (18-mil)	2-1/2"
V425	1	Pro22 (18-mil)	2-1/2"
V435	1	Pro22 (18-mil)	3-5/8"
V438	1, 2, 3 or 4	Pro25 (15-mil)	(See Table 1 Below)
V443	4	Pro22 (18-mil)	3-5/8"
V444	1	Pro22 (18-mil)	3-5/8"
V448	1	Pro22 (18-mil)	3-5/8"
V449	2	Pro22 (18-mil)	3-5/8"
V450	1	Pro25 (15-mil)	3-5/8"
V450	2	Pro25 (15-mil)	2-1/2"
V452	1 or 2	Pro22 (18-mil)	3-5/8"
V453 *	1-1/2	Pro33 (33-mil)	6"
V461 *	1	Pro33 (33-mil)	3-5/8"
V464	1	Pro25 (15-mil)	3-5/8"
V476	1 or 3	Pro22 (18-mil)	3-5/8"
V477	1, 2, 3 or 4	Pro25 (15-mil)	(See Table 1 Below)
V487	2	Pro22 (18-mil)	1-5/8"
V489 *	1, 2, 3 or 4	Pro22 (18-mil)	(See Table 1 Below)

<sup>A</sup> See UL listing for detailed requirements of construction of the tested assembly.

\* ProSTUD meets description of generic stud in UL assembly.

**Chase or Double Stud Assemblies <sup>A</sup>**

UL Design No.	Hourly Rating	ProSTUD Minimum Thickness	ProSTUD Minimum Depth
U420	2	Pro25 (15-mil)	1-5/8"
U436	1, 2, or 3	Pro22 (18-mil)	1-5/8"
U444	2	Pro25 (15-mil)	1-5/8"
U445 *	1	Pro33 (33-mil)	1-5/8"
U466	1	Pro22 (18-mil)	2-1/2"
U493	2	Pro25 (15-mil)	2-1/2"

UL Design No.	Hourly Rating	ProSTUD Minimum Thickness	ProSTUD Minimum Depth
V437	1	Pro22 (18-mil)	1-5/8"
V442	2	Pro25 (15-mil)	1-5/8"
V464	1	Pro25 (15-mil)	3-5/8"
V469 *	1	Pro33 (33-mil)	2-1/2"
V469	2	Pro22 (18-mil)	2-1/2"
V488	1 or 2	Pro22 (18-mil)	2-1/2"
V490 *	1 or 2	Pro33 (33-mil)	2-1/2"

<sup>A</sup> See UL listing for detailed requirements of construction of the tested assembly.

\* ProSTUD meets description of generic stud in UL assembly.

**Table 1: Minimum Depth of ProSTUD™ Required <sup>A</sup>**

Hourly Rating	Min. Stud Depth (in.)	No. of Layers and Thickness of Gypsum Panel	UL U419	UL V438	UL V477	UL V489
1	2-1/2"	1 layer, 1/2"	—	—	—	✓
1	3-5/8"	1 layer, 5/8"	✓	✓	✓	✓
2	1-5/8"	2 layers, 1/2"	✓	✓	✓	✓
2	1-5/8"	2 layers, 5/8"	✓	—	✓	✓
2	2-1/2"	2 layers, 5/8"	—	✓	—	—
3	1-5/8"	3 layers, 1/2"	✓	✓	✓	✓
3	1-5/8"	3 layers, 5/8"	✓	✓	✓	✓
4	1-5/8"	4 layers, 1/2"	✓	✓	✓	✓
4	1-5/8"	4 layers, 5/8"	✓	✓	✓	✓

<sup>A</sup> See UL listing for detailed requirements of construction of the tested assembly.