

 **StudRite**®



INTERIOR PARTITIONS PRODUCT FLYER

MARINO WARE®

STUDRITE® PHYSICAL PROPERTIES

MEMBER	DESIGN (in)	MIN (in)	YIELD (ksi)	MILS	WEB SIZES (in)	COATING	FLANGE (in)	RETURN LIP (in)
362SR125-18	0.0188	0.0179	40	18	3-5/8, 4, 6	G40	1-1/4	1/4
400SR125-18	0.0188	0.0179	40	18	3-5/8, 4, 6	G40	1-1/4	1/4
600SR125-18	0.0188	0.0179	40	18	3-5/8, 4, 6	G40	1-1/4	1/4
362SR125-30	0.0312	0.0296	40	30	3-5/8, 4, 6	G40	1-1/4	1/4
400SR125-30	0.0312	0.0296	40	30	3-5/8, 4, 6	G40	1-1/4	1/4
600SR125-30	0.0312	0.0296	40	30	3-5/8, 4, 6	G40	1-1/4	1/4
362SR125-33	0.0346	0.0329	40	33	3-5/8, 4, 6	G40	1-1/4	1/4
400SR125-33	0.0346	0.0329	40	33	3-5/8, 4, 6	G40	1-1/4	1/4
600SR125-33	0.0346	0.0329	40	33	3-5/8, 4, 6	G40	1-1/4	1/4
362SR125-43	0.0451	0.0428	40	43	3-5/8, 4, 6	G60	1-1/4	1/4
400SR125-43	0.0451	0.0428	40	43	3-5/8, 4, 6	G60	1-1/4	1/4
600SR125-43	0.0451	0.0428	40	43	3-5/8, 4, 6	G60	1-1/4	1/4

Finish:

In accordance with ASTM A1003 products are furnished with G-40 or G-60 hot-dipped galvanized coating.

Grades of Steel:

- 18, 30, 33 and 43 mil: Fy = 40 ksi, per ASTM A1003



STUDRITE® FIRE TESTING DATA (ASTM E119)

STUDRITE DESIGN NOS.	WALL RATING	STUDRITE DESIGN NOS.	WALL RATING	STUDRITE DESIGN NOS.	WALL RATING
U403	2 HR	U475	1, 2, 3 or 4 HR	V443	4 HR
U407	1/2 or 1 HR	U478	3 HR	V444	1 HR
U408	2 HR	U491	2 HR	V448	1 HR
U411	2 HR	U494	1 HR	V449	2 HR
U412	2 HR	U495	1 or 2 HR	V452	1 and 2 HR
U419	1, 2, 3 or 4 HR	U496	1 HR	V469	1 and 2 HR
U421	2 HR	V410	2 HR	V476	1, 3 or 4 HR
U431	4 HR	V412	2 HR	V477	1, 2, 3 or 4 HR
U435	3 HR or 4 HR	V416	1 HR	V496	1 or 2 HR
U450	1, 3 or 4 HR	V417	1 HR	V498	1, 2, 3 or 4 HR
U451	1 HR	V418	2 HR	W411	1/2 or 1 HR
U454	2 HR	V419	2 HR	W415	1 or 2 HR
U463	3 or 4 HR	V425	1 HR	W424	1/2 or 1 HR
U466	1 HR	V435	1 HR	W433	1/2 HR
U465	1 HR	V437	1 HR	W440	1, 2, 3 or 4 HR
U471	1-1/2 HR	V438	1, 2, 3 or 4 HR		

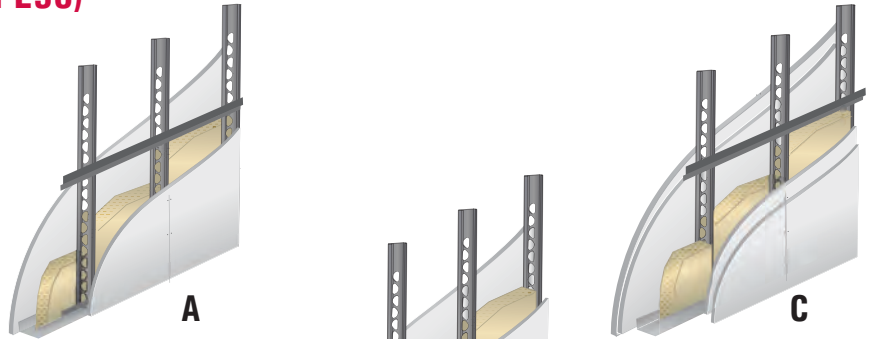
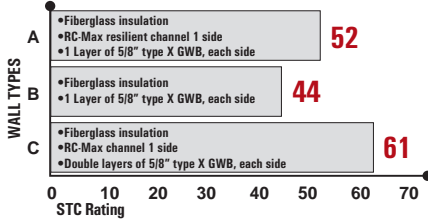
1. 3 5/8", 18 mil is the minimum web and thickness. All heavier and deeper sections qualify.

2. Gypsum wallboard can be either vertical or horizontal, without joints backed.

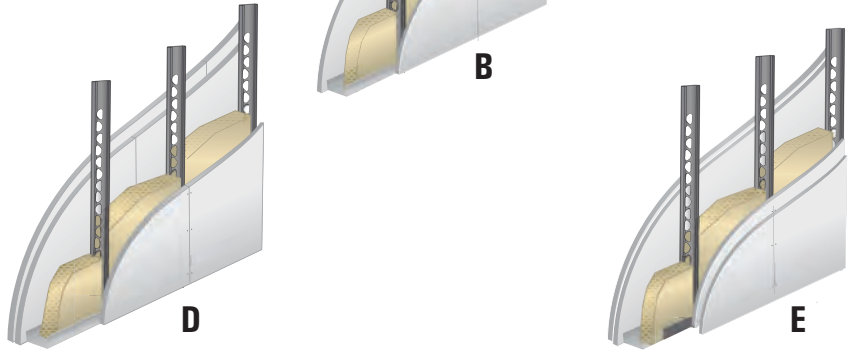
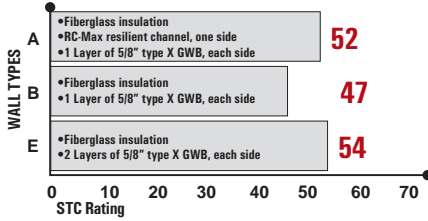
ACOUSTIC PERFORMANCE (ASTM E90)

(Sound Test Reports available from Technical Services)

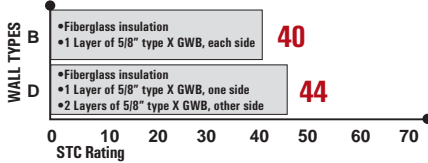
3 5/8" STUDRITE (18 mil) 24" O.C.



3 5/8" STUDRITE (18 mil) 16" O.C.



3 5/8" STUDRITE (30 mil) 16" O.C.



STUDRITE® COMPOSITE LIMITING HEIGHTS

MEMBER	DEPTH	DESIGN (in)	MIN (in)	MILS	YIELD (ksi)	SPACING O.C. (in)	5 (psf)			7.5 (psf)			10 (psf)		
							L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
362SR125-18	3-5/8"	0.0188	0.0179	18	40	12	21-6	17-10	15-7	17-7	15-7	13-7	15-2	14-2	12-4
						16	18-7	16-2	14-2	15-2	14-2	12-4	13-2	12-10	11-2
						24	15-2	14-2	12-4	12-5	12-4	10-7	10-9	10-9	9-6
400SR125-18	4"	0.0188	0.0179	18	40	12	22-5	18-10	16-5	18-4	16-5	14-4	15-11	14-11	13-1
						16	19-5	17-1	14-11	15-11	14-11	13-1	13-9	13-7	11-10
						24	15-11	14-11	13-1	13-0	13-0	11-4	11-3	11-3	10-2
600SR125-18	6"	0.0188	0.0179	18	40	12	27-9	24-10	21-8	22-8	21-8	18-11	19-8	19-8	17-2
						16	24-1	22-7	19-8	19-8	19-8	17-2	17-0	17-0	15-7
						24	19-8	19-8	17-2	16-0	16-0	15-0	13-11	13-11	13-6
362SR125-30	3-5/8"	0.0312	0.0296	30	40	12	23-6	18-8	16-3	20-6	16-3	14-3	18-8	14-10	12-11
						16	21-4	16-11	14-10	18-8	14-10	12-11	16-11	13-5	11-9
						24	18-8	14-10	12-11	16-3	12-11	11-2	14-10	11-9	9-11
400SR125-30	4"	0.0312	0.0296	30	40	12	25-3	20-1	17-6	22-1	17-6	15-4	20-1	15-11	13-11
						16	22-11	18-3	15-11	20-1	15-11	13-11	18-3	14-6	12-8
						24	20-1	15-11	13-11	17-6	13-11	12-2	15-10	12-8	10-11
600SR125-30	6"	0.0312	0.0296	30	40	12	33-8	26-8	23-4	29-5	23-4	20-5	26-9	21-2	18-6
						16	30-7	23-4	21-2	26-9	21-2	18-6	24-3	19-3	16-10
						24	26-9	21-2	18-6	23-4	18-6	16-2	21-2	16-10	14-7
362SR125-33	3-5/8"	0.0346	0.0329	33	40	12	24-5	19-4	16-11	21-4	16-11	14-9	19-4	15-4	13-5
						16	22-12	17-7	15-4	19-4	15-4	13-5	17-7	14-0	12-2
						24	19-4	15-4	13-5	16-11	13-5	11-9	15-4	12-2	10-5
400SR125-33	4"	0.0346	0.0329	33	40	12	26-4	20-11	18-3	23-0	18-3	15-11	20-11	16-7	14-6
						16	23-11	19-0	16-7	20-11	16-7	14-6	19-0	15-1	13-2
						24	20-11	16-7	14-6	18-3	14-6	12-8	16-7	13-2	11-5
600SR125-33	6"	0.0346	0.0329	33	40	12	34-9	27-7	24-1	30-4	24-1	21-1	27-7	21-11	19-1
						16	31-7	25-1	21-11	27-7	21-11	19-1	25-1	19-11	17-4
						24	27-7	21-11	19-1	24-1	19-1	16-9	21-11	17-4	15-1
362SR125-43	3-5/8"	0.0451	0.0428	43	40	12	27-1	21-6	18-10	23-8	18-10	16-5	21-6	17-1	14-11
						16	24-8	19-6	17-1	21-6	17-1	14-11	19-7	15-6	13-6
						24	21-6	17-1	14-11	18-10	14-11	12-11	14-4	13-6	0-0
400SR125-43	4"	0.0451	0.0428	43	40	12	29-8	23-7	20-7	25-11	20-7	18-0	23-7	18-8	16-4
						16	26-11	21-5	18-8	23-7	18-8	16-4	21-5	17-0	14-10
						24	23-7	18-8	16-4	20-7	16-4	14-3	18-8	14-10	12-10
600SR125-43	6"	0.0451	0.0428	43	40	12	38-11	30-11	27-0	34-0	27-0	23-7	30-11	24-6	21-5
						16	35-4	28-1	24-6	30-11	24-6	21-5	28-1	22-3	19-6
						24	30-11	24-6	21-5	27-0	21-5	18-9	22-4	19-6	16-11

Notes:

1. StudRite composite limiting heights are based on testing in accordance with ICC-ES acceptance criteria AC86-2010.
2. No screws are required between stud and track, except as required by ASTM C754.
3. StudRite composite limiting heights based on a single layer of 5/8" type X gypsum board applied vertically to both sides of the wall over full height.
4. 5/8" Type X wallboard from the following manufacturers are acceptable: USG, National, Georgia Pacific, CertainTeed, American and Continental.



MARINO[®] WARE[®]

100% American-Owned and Operated | marinoware.com

New Jersey Facility

400 Metuchen Road
South Plainfield, NJ 07080
800.627.4661
908.757.9000
Fax: 908.412.1442

Georgia Facility

777 Greenbelt Parkway
Griffin, GA 30223
800.504.8199
678.688.1312
Fax: 678.688.1379

Indiana Facility

4245 Railroad Avenue
East Chicago, IN 46312
866.636.6002
219.378.7100
Fax: 219.378.7106

Texas Facility

10101 Bay Area Boulevard
Pasadena, TX 77507
800.504.8199
678.688.1312
Fax: 678.688.1379

New York Sales Office

137 Broadway, Suite B1
Amityville, NY 11701
800.627.4667
631.691.2200
Fax: 631.691.1492

Engineering Office

100 Hendrick Drive, Suite 200
McDonough, GA 30253
866.545.1545
678.688.7780
Fax: 770.507.2605

www.MarinoWARE.com

For more information, please contact MarinoWARE[®] Technical Services at 866.545.1545

This technical information reflects the most current information available and supersedes any and all previous publications effective March 8, 2017 | CAT_SR_REV_1_03082017 | © WARE Industries, Inc. 2017