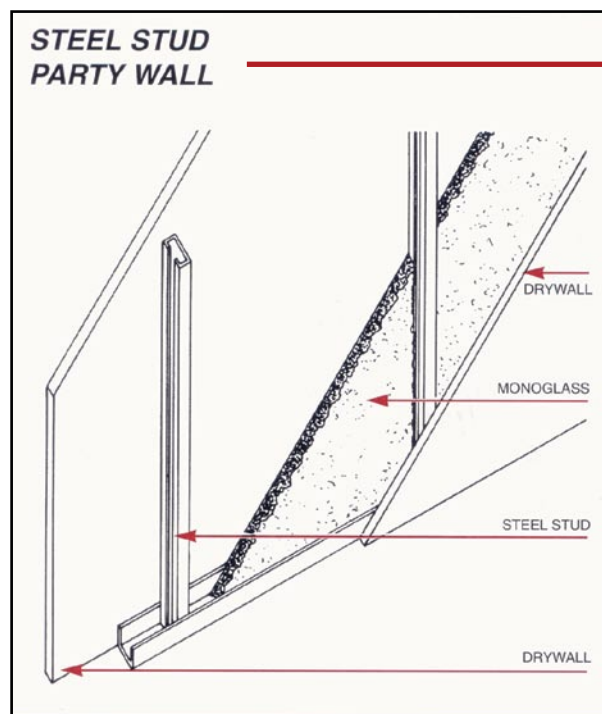
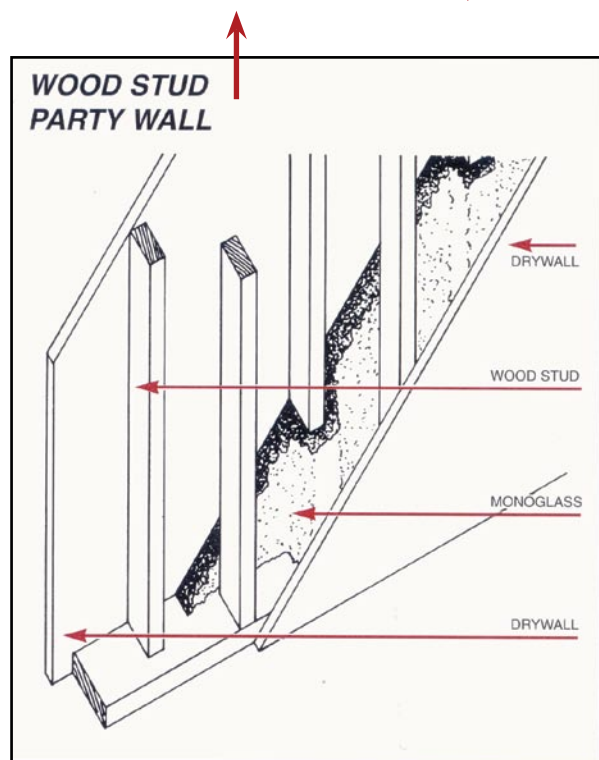




SOUND RATING GUIDE

Wood Frame Drywall Partition

Code	Framing	Facing	Sound Transmission Coefficient
WF 5	2 rows 2 x 3 studs 1" apart at 16" o.c.	5/8" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	49
WF 10	2 x 4 studs at 16" o.c.	2 layers 1/2" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	45
WF 15	2 x 4 studs at 16" o.c.	2 layers 5/8" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	48
WF 20	Staggered 2 x 4 studs at 8" o.c. on 2" x 6" plate.	5/8" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	51
WF 25	Staggered 2 x 4 studs at 8" o.c. on 2" x 6" plate.	2 layers 1/2" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	54
WF 30	Staggered 2 x 4 studs at 8" o.c. on 2" x 6" plate.	2 layers 5/8" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	56
WF 35	2 rows 2 x 4 studs 1" apart at 16" o.c.	5/8" drywall both sides and 1 1/2" Monoglass® Spray-On between studs, one side.	52





SOUND RATING GUIDE

Steel Frame Drywall Partition

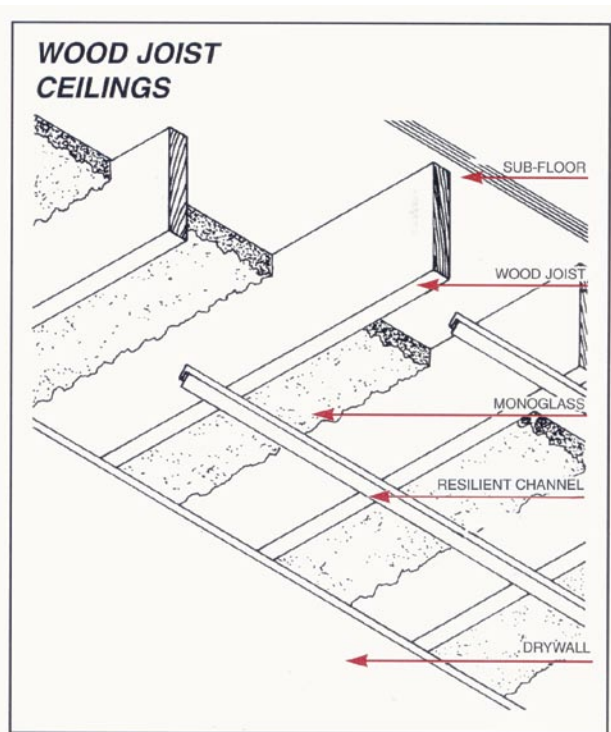
Code	Framing	Facing	Sound Transmission Coefficient
SF 5	1½" studs at 16" o.c.	⅝" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	46
SF 10	1½" studs at 24" o.c.	2 layers ½" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	55
SF 15	2½" studs at 24" o.c.	½" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	47
SF 20	2½" studs at 24" o.c.	⅝" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	51
SF 25	2½" studs at 24" o.c.	2 layers ½" drywall one side, 1 layer ½" drywall other side and 1½" Monoglass® Spray-On between studs, one side.	52
SF 30	2½" studs at 24" o.c.	2 layers ⅝" drywall one side, 1 layer ⅝" drywall other side and 1½" Monoglass® Spray-On between studs, one side.	54
SF 35	2½" studs at 24" o.c.	2 layers ⅝" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	57
SF 40	3⅝" studs at 24" o.c.	½" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	48
SF 45	3⅝" studs at 24" o.c.	⅝" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	50
SF 50	3⅝" studs at 24" o.c.	2 layers ½" drywall one side, 1 layer ½" drywall other side and 1½" Monoglass® Spray-On between studs, one side.	53
SF 55	3⅝" studs at 24" o.c.	2 layers ⅝" drywall one side, 1 layer ⅝" drywall other side and 1½" Monoglass® Spray-On between studs, one side.	54
SF 60	3⅝" studs at 24" o.c.	2 layers ½" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	55
SF 65	3⅝" studs at 24" o.c.	2 layers ⅝" drywall both sides and 1½" Monoglass® Spray-On between studs, one side.	56



SOUND RATING GUIDE

Wood Joist Ceiling

Code	Ceiling Joist	Facing	Sound Transmission Coefficient
WJ 5	2 x 8 joists at 16" o.c.	½" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	45
WJ 10	2 x 8 joists at 16" o.c.	⅝" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	46
WJ 15	2 x 8 joists at 16" o.c.	2 layers ½" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	50
WJ 20	2 x 10 joists at 16" o.c.	½" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	47
WJ 25	2 x 10 joists at 16" o.c.	⅝" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	48
WJ 30	2 x 10 joists at 16" o.c.	2 layers ½" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	53
WJ 35	2 x 10 joists at 16" o.c.	2 layers ⅝" drywall and 1½" Monoglass® Spray-On between joists and drywall resilient channel.	54





SOUND RATING GUIDE

Steel Joist Ceiling

Code	Joist & Floor	Facing	Sound Transmission Coefficient
SJ 5	12" steel joists 6 lb./ft. at 24" o.c. 2" – 3000 PSI concrete floor	$\frac{5}{8}$ " drywall on drywall furring channel at 24" o.c. and 1" Monoglass® Spray-On to concrete slab ceiling.	49
SJ 10	12" steel joists 6 lb./ft. at 24" o.c. 2" – 3100 PSI concrete floor	$\frac{1}{2}$ " drywall on drywall furring channel at 24" o.c. and 1" Monoglass® Spray-On to concrete slab ceiling.	48
SJ 15	10" steel joists 4.8 lb./ft. at 24" o.c. 2 $\frac{1}{2}$ " – 4000 PSI concrete floor	$\frac{1}{2}$ " drywall on drywall furring channel at 24" o.c. and 1" Monoglass® Spray-On to concrete slab ceiling.	50
SJ 20	12" steel joists 6 lb./ft. at 24" o.c. 2" – 3500 PSI concrete floor	2 layers $\frac{5}{8}$ " drywall on nailing channel at 24" o.c. and 1" Monoglass® Spray-On to concrete slab ceiling.	50
SJ 25	Hambro steel joists 10" deep 5.5 lb./ft. min. 2 $\frac{1}{2}$ " or 3 $\frac{1}{2}$ " – 3500 PSI concrete floor, air duct, firestop flap, electrical outlets.	$\frac{1}{2}$ " drywall on drywall furring channel at 24" o.c. and 1" Monoglass® Spray-On to concrete slab ceiling.	55

Monoglass® Incorporated

430 North Tower - 650 West 41st Avenue
Vancouver, BC, Canada V5Z 2M9

Telephone: (604) 261-7712

Toll-Free in North America: 1-888-777-2966/1-888-SPRAY-ON

Fax: (604) 261-1342

Website: www.monoglass.com

E-mail: sales@monoglass.com

U.S.A Manufacturing: Michigan

Canadian Manufacturing: Quebec

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