

Summary SC Type Acoustic Testing

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC	
18" Open Web Truss 24" on center With R-13 insulation	3/4"	SC190 1/8" nom.	Bare Gypsum	RC Deluxe	51	60	
			Thin Vinyl	RC Deluxe	52	60	
			Tile	RC Deluxe	53		
			Wood	RC Deluxe	55		
			Thick Vinyl	RC Deluxe	54		
			Carpet	RC Deluxe	78		
			Vinyl Sheet	RC Deluxe	53		
			VCT	RC Deluxe	53		
		SC250 1/4" nom.	Thin Vinyl	RC Deluxe	50	60	
			Tile	RC Deluxe	54		
			Wood	RC Deluxe	57		
			Thick Vinyl	RC Deluxe	56	58	
		1"	SC190 1/8" nom.	Thin Vinyl	RC Deluxe	53	
				Tile	RC Deluxe	54	
				Wood	RC Deluxe	59	
				Thick Vinyl	RC Deluxe	58	57
			SC250 1/4" nom.	Thin Vinyl	RC Deluxe	53	
				Tile	RC Deluxe	55	
				Wood	RC Deluxe	59	
				Thick Vinyl	RC Deluxe	58	57
	SC50 3/8" nom.		Thin Vinyl	RC Deluxe	55		
			Tile	RC Deluxe	58		
			Wood	RC Deluxe	59		
			Thick Vinyl	RC Deluxe	60	59	



Summary SC Type Acoustic Testing

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
18" Open Web Truss 24" on center With No insulation	3/4"	SC190 1/8" nom.	Wood	RC Deluxe	55	54
			Thick Vinyl	RC Deluxe	52	54

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
18" Open Web Truss 24" on center With R-13 insulation	3/4"	SC190 1/8" nom.	Bare Gypsum	Philips RC-1 Tru-25	50	
			Thin Vinyl	Philips RC-1 Tru-25	51	59
			Tile	Philips RC-1 Tru-25	53	59
			Wood	Philips RC-1 Tru-25	54	58
			Thick Vinyl	Philips RC-1 Tru-25	51	58

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
18" Open Web Truss 24" on center With R-13 insulation	3/4"	SC190 1/8" nom.	Thin Vinyl	Merino-Ware	50	58
			Tile	Merino-Ware	51	59
			Wood	Merino-Ware	52	58
			Thick Vinyl	Merino-Ware	50	58

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
18" Open Web Truss 24" on center With Cavity Blown Full and ULIX	3/4"	SC190 1/8" nom.	Thin Vinyl	Merino-Ware	50	58
			Tile	Merino-Ware	51	59
			Wood	Merino-Ware	52	58
			Thick Vinyl	Merino-Ware	50	58

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Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
12" TJI 24" on center With R-13 Insulation	3/4"	SC250 1/4" nom.	Thin Vinyl	RC Deluxe	51	
			Tile	RC Deluxe	52	
			Wood	RC Deluxe	55	
			Thick Vinyl	RC Deluxe	54	60

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
8" Cast-in-place concrete-no ceiling	1"	SC50 3/8" nom.	Tile	N/A	51	
			Wood	N/A	51	
			Thick Vinyl	N/A	50	55

Assembly	Gypsum Pour	SC Type Matting	Floor Covering	RC-1 Channel	IIC	STC
8" Hollow-core concrete-no ceiling	*3/4"	SC250 3/8" nom.	VCT	N/A	50	
			Tile	N/A	51	
			Wood	N/A	53	
			Thick Vinyl	N/A	51	50

*Gypsum pour = 1" required. Test was performed with LevelRock 2500 FR.