
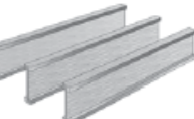
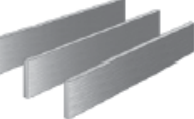
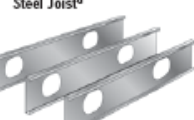
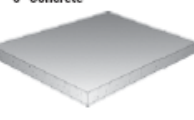


Design

for Fire and Sound

1 Hour rated												
Floor System	UL Number	Sound Mat	LEVELROCK Floor Underlayment ^a	Insulation	Truss Depth	RC-1 Channel	SHEETROCK FIRECODE C CORE Ceiling Assembly	Floor Covering	Sound Rating		Test Number	
									STC	IIC	STC	IIC
 Open Web Wood Joist	L521	None	3/4"	3 1/2" batt	18"	16" o.c.	1 layer 5/8"	vinyl carpet & pad	58 48	48 76	RAL-TL-97-340	RAL-IN-97-47
	L528	None	3/4"	none	12"	16" o.c.	1 layer 5/8"	carpet & pad	53	60	RAL-TL-04-321	RAL-IN-04-019
	L521	SRM-25	1"	3 1/2" batt	12"	16" o.c.	1 layer 5/8"	vinyl	62	53	RAL-OT-04-01	RAL-OT-04-02
								cushioned vinyl carpet & pad	62 81		RAL-OT-04-03	RAL-OT-04-04 RAL-OT-04-05
								wood laminate ceramic tile ^e	61 62	55	RAL-OT-04-07	RAL-OT-04-08 RAL-OT-04-11
 Engineered Wood I-Joist	L570	SRB	3/4"	3 1/2" batt	9 1/2"	16" o.c.	2 layer 1/2"	wood laminate	65	61	RAL-OT-02-03	RAL-OT-02-04
								vinyl	65	54	RAL-OT-03-01	RAL-OT-03-02
	L570	SRM-25	1"	3 1/2" batt	9 1/2"	16" o.c.	2 layer 1/2"	ceramic tile ^e	66	51	RAL-OT-03-03	RAL-OT-03-04
								none	65	52	USG-00302 ^c	USG-00302 ^c
								vinyl wood laminate ceramic tile	64 64 66	58	RAL-OT-03-05	RAL-OT-03-06 RAL-OT-03-08 RAL-OT-03-09
 2" x 10" Wood Joist	L569	none	none	3 1/2" batt	10"	16" o.c.	1 layer 5/8"	none	51	41	RAL-TL-99-047	RAL-IN-99-005
	L569	SRM-25	1"	3 1/2" batt	10"	16" o.c.	1 layer 5/8"	vinyl	58	51	RAL-TL-04-031	RAL-IN-04-004
								cushioned vinyl	59	54	RAL-TL-04-033	RAL-IN-04-006
								carpet & pad	59	77	RAL-TL-04-032	RAL-IN-04-005
								wood laminate	58	55	RAL-TL-04-034	RAL-IN-04-007
								ceramic tile ^e	59	52	RAL-TL-04-067	RAL-IN-04-009
	L569	SRB	3/4"	3 1/2" batt	10"	16" o.c.	1 layer 5/8"	cushioned vinyl carpet & pad wood laminate	58 58 58	50	RAL-TL-04-100	RAL-IN-04-013 RAL-IN-04-010 RAL-IN-04-012
 Steel Joist ^d	G551	SRM-25	1"	3 1/2" batt	9 1/4"	none	1 layer 5/8"	vinyl	64	55	RAL-OT-05-007	RAL-OT-05-008
								carpet & pad	63	81	RAL-OT-05-009	RAL-OT-05-010
								wood laminate	63	58	RAL-OT-05-011	RAL-OT-05-012
								ceramic tile	65	51	RAL-OT-05-015	RAL-OT-05-016
 6" Concrete	D900 ^b	SRM-25	1"	none	6"	none	none	vinyl	56	49	RAL-TL-03-176	RAL-IN-03-006
								wood laminate	54	50	RAL-TL-03-177	RAL-IN-03-007
								ceramic tile ^e	56	51	RAL-TL-03-210	RAL-IN-03-010
	D900 ^b	SRM-25	1"	none	6"	none	none	carpet & pad	77	77		RAL-IN-03-009
	D900 ^b	none	none	none	6"	none	none	none	50			RAL-IN-03-008
								26			RAL-IN-00-RD22	

Note

(a) LEVELROCK floor underlayments have been tested with other sound mats. Contact USG for details.

(b) D900 refers to a series of concrete fire-rated systems. 6" concrete at 135 lbs./cu. ft. can provide a 2-hour rating. Please refer to the UL Directory for additional information.

(c) Test completed for baseline reference only.

(d) Tested with TrapeRevo[®] steel joist.

(e) Requires crack isolation membrane.