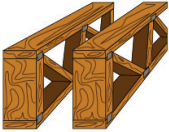
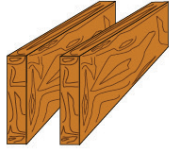

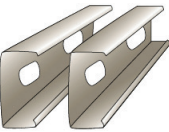
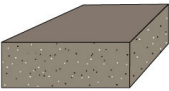



Keene Building Product's SOUND and UL CHART

	Quiet Qurl	Gypsum Floor Underlayment	Insulation	Truss Depth	GWB/ RC-1 Channel	RC+	IIC / AIIC				STC / ASTC	
							Bare Gypsum	Carpet	Ceramic Tile	Engineered Wood		Vinyl
OPEN WEB JOIST 	013	3/4"	3 1/2" batt	16"	1 layer/16" o.c.			56	56	53	53	
	025	1"	3 1/2" batt	18"	1 layer/24" o.c.		51	53	54	53	54	
	040	1"	3 1/2" batt	18"	1 layer/16" o.c.	Yes	56	56	62	64	60	
		1"	3 1/2" batt	18"	1 layer/16" o.c.		52		57	58	58	
		1"	Full Cavity	16"	1 layer/24" o.c.			84	57	59		61
	075	1 1/2"	6" batt	18"	1 layer/16" o.c.		59		60	61	60	55
		3/4"	3 1/2" batt	18"	1 layer/16" o.c.	Yes	57		64	62		60
	013 MT	7/8"	3 1/2" batt	18"	1 layer/16" o.c.		52		54	56	53	
		3/4"	Full Cavity	18"	1 layer/24" o.c.		53			56	55	
		3/4"	Full Cavity	18"	1 layer/24" o.c.						59 w/ pad	
025 MT	1"	6" batt	18"	2 layers/16" o.c.		58		62	61		61	
UL: L528, L529, L534, L542, L546, L550, L556, L558, L562, L563, L574, L576, L577, L579, L581, L583, L585, L586, L587, L592, M500, M501, M503 (Equivalent to L521), M508, M510												
Nominal WOOD JOIST 	013	3/4"	3 1/2" batt	10"	1 layer/16" o.c.			50	55	51	57	
	025	1"	3 1/2" batt	10"	1 layer/16" o.c.			52	55	53	54	
	040	1 1/4"	3 1/2" batt	10"	1 layer/16" o.c.		50	53	54	50	54	
	075	1 1/2"	3 1/2" batt	10"	1 layer/16" o.c.		52			52	55	
	025 MT	1"	3 1/2" batt	10"	1 layer/16" o.c.		55	74	57	57	52	
	040 MT	1 1/4"	3 1/2" batt	10"	1 layer/16" o.c.		53	68	55		54	53
	UL: L006, L201, L202, L206, L208, L209, L210, L211, L212, L501, L502, L503, L504, L505, L506, L507, L508, L509, L510, L511, L512, L513, L514, L515, L516, L517, L519, L520, L522, L523, L525, L526, L532, L533, L535, L536, L537, L539, L540, L541, L545, L557, L569, L588, L593, L598, M504, M514, M517, M518, M519, M528, M531, M538											
I JOIST 	013	3/4"	3 1/2" batt	11 7/8"	2 layers/16" o.c.			56	58	52	58	
	025	1"	3 1/2" batt	11 7/8"	1 layer/16" o.c.			54	57	53	53	
	040	1 1/2"	5 1/2" batt	14"	2 layers/24" o.c.		53	54	56	54	53	
	025 MT	1 1/4"	3 1/2" batt	11 7/8"	2 layers/12" o.c.		54	56	59	56		
	040 MT	1"	3 1/2" batt	11 7/8"	2 layers/16" o.c.		60	78	59	61	61	57
	UL: L518, L530, L538, L547, L570, L583, L589, L590, M502, M506, M511, M512, M515, M530, M535											
STEEL JOIST 	025 MT	1"	3 1/2" batt	9 1/4"	1 layer/12" o.c.		54	57	56	55	54	
	UL: G553, G561, G565, G577, G578, G579, G580, G581, G582, L524, L527, L543, L549, L551, L552, L559, L560, L564, L565, L568, L573, M513, M536											
CONCRETE 	NONE	NONE	NONE	9"	NONE		28					
	013	3/4"	NONE	9"	NONE		48				55	
	025	1"	NONE	6"	NONE					54	63	
		1"	YES	6"	with ceiling				68			
	040	1"	NONE	6"	NONE				55	53		
		1"	YES	6"	with ceiling				68	64		
	2 3/4"	NONE	8"	NONE		56					63	
UL: J917, J919, J920, J924, J927, J931, J957, J991, J994												
WOOD TIMBER RETROFIT 	025	1"	NONE	App 14"	NONE					52	51	
	075 N	2"	NONE	App 12"	NONE		52	52	55	55	58	
	025 MT	2"	NONE	App 12"	NONE		47	47	50	50	58	
	075 N MT	2"	NONE	App 12"	NONE		56	58	59	59		60

QUIET QURL® is a component in an overall floor/ceiling assembly. Its performance is affected by every other component and the likelihood of achieving code compliance is contingent upon many other trades including framers, plumbers, drywall contractors to name a few. Developers and general contractors are responsible for building properly and testing field performance as soon as possible in order to assure the reliability of the project.

WARNING: Laboratory tests are not a guarantee of field performance because of the issues noted above and many other design errors that may occur. Please consult a professional acoustical consultant to assure plans are proper and that the floor/ceiling assembly can perform to expectations.



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