







Keene Building Product's SOUND and UL CHART

	Quiet Qurl	Gypsum Floor Underlayment	Insulation	Truss Depth	GWB/ RC-1 Channel	IIC / AIC				STC / ASTC
						Quiet Qurl	Carpet	Acoustic Tile	Engineered Wood	
OPEN WEB JOIST 	52/013	0.75"	3 1/2" batt	16"	1 layer/16" o.c.		56	56	53	53
	55/025	1"	3 1/2" batt	18"	1 layer/24" o.c.	51	53	54	53	54
	60/040	1"	Full Cavity	16"	1 layer/24" o.c.		84	57	59	61
	65/075	1 1/2"	6" batt	18"	1 layer/16" o.c.	59	60	61	60	55
	52/013 MT	0.875"	3 1/2" batt	18"	1 layer/16" o.c.	52	54	56	53	
	55/025 MT	1"	6" batt	18"	2 layers/16" o.c.	58		62	61	61
UL: L521, L528, L529, L534, L542, L546, L550, L558, L562, L563, L574, L576, L577, L579, L581, L583, L586, L587, L592 M500, M501, M503, M508, M510										
Nominal WOOD JOIST 	52/013	0.75"	3 1/2" batt	10"	16" o.c.		50	55	51	57
	55/025	1"	3 1/2" batt	10"	1 layer/16" o.c.		52	55	53	54
	60/040	1 1/4"	3 1/2" batt	10"	16" o.c.	50	53	54	50	54
	65/075	1 1/2"	3 1/2" batt	10"	16" o.c.	52			52	55
	55/025 MT	1"	3 1/2" batt	10"	16" o.c.	55	74	57	57	52
	60/040 MT	1 1/4"	3 1/2" batt	10"	16" o.c.	53	68	55	54	53
UL: L6, 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										
I JOIST 	52/013	0.75"	3 1/2" batt	11 7/8"	2 layers/16" o.c.		56	58	52	58
	55/025	1"	3 1/2" batt	11 7/8"	1 layer/16" o.c.		54	57	53	53
	60/040	1 1/2"	5 1/2" batt	14"	2 layers/24" o.c.	53	54	56	54	53
	55/025 MT	1 1/4"	3 1/2" batt	11 7/8"	2 layers/12" o.c.	54	56	59	56	
	60/040 MT	1"	3 1/2" batt	11 7/8"	2 layers/16" o.c.	60	78	59	61	61
UL: L518, L538, L547, L570, L583, L589, L590 M502, M506, M511, M512, M515										
STEEL JOIST 	55/025 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, L568, L573 M513										
CONCRETE 	55/025	1"	NONE	6"	NONE				54	
		1"	YES	6"	1 layer			68	63	
	60/040	1"	NONE	6"	NONE			55	53	
		1"	YES	6"	1 layer			68	64	
UL: J917, J919, J920, J924, J927, J931, J957, J991, J994										
WOOD TIMBER RETROFIT 	55/025	1"	NONE	App 14"	NONE				52	51
	65/075 N	2"	NONE	App 12"	NONE	52	52	55	55	58
	55/025 MT	2"	NONE	App 12"	NONE	47	47	50	50	58
	65/075 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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