

# Whisper Step Product Testing Acoustical Performance

	Flooring Installation	Flooring Type	Thickness	Ceiling	Flooring/Ceiling Assembly		Acoustical Performance		
					Subfloor		IIC	Delta IIC	STC
A	Double-Glue	LVP	0.08" (2 mm)	Drop ceiling	6" slab		65	21	63
B	Double-Glue	LVP	0.125" (3 mm)	Drop ceiling	6" slab		65	21	63
C	Floating/Click	LVP	3.2 mm	Drop ceiling	6" slab		67	22	62
Ca	Floating/Click	LVP	3.2 mm	None	6" slab		51		51
D	Floating/Click	LVP	4.0 mm	Drop ceiling	6" slab		66	22	63
E	Floating/Click	LVP	5.0 mm	Drop ceiling	6" slab		68	24	62
F	Floating/Click	LVP	4.0 mm	None	1.5" gypcrete on top of 8" Hollow Core Plank (203 mm)		54	-	52
G	Floating/Click	LVP	4.0 mm	Drop ceiling	1.5" gypcrete over 18" Open Web Wood Truss		54	-	59
H	Floating/Click	LVP	4.0 mm	Drop ceiling	0.75" gypcrete over 18" Open Web Wood Truss		50	-	57
I	Floating/Click	US Floors CoreTec Plus	8 mm	Drop ceiling	6" slab		69	26	61
J	Floated	Laminate	6.82 mm	Drop ceiling	6" slab		69	-	60
K	Double-Glue	Engineered Wood	10.26 mm	None	6" slab		49	21	52
L	Single-Glue	3/4" solid wood	3/4"	Drop ceiling	0.75" gypcrete over 18" Open Web Wood Truss		57	-	60
M	Floating/Click	LVP	4.0 mm	Drop ceiling	8" slab		71	-	62
N	Floating/Click	US Floors CoreTec Plus	12 mm	Drop ceiling	18" Open Web Wood Truss (no gypcrete)		60	-	59

In-Room noise										
O	Floating/Click	LVP	4.0 mm	None	Tested with and without Whisper Step			WS reduced up to 10 decibels		

ASTM E 492/2179/90 for Tests A-N

ASTM E3133 for Test O