



## ACOUSTIC RATINGS OVERVIEW

STC Class	Rating	lb/sq. ft. (kg/m <sup>2</sup> )	Relative Effectiveness	Application	Gasket System
STC 27	20	5.6 (26.85)	<b>LOW</b> - Discussions in a normal tone can be easily and clearly heard and understood	Standard	Pemko : double row S88BL SiliconSeal gasket, 434ARL drop seal and 2005AT threshold
STC 31	20	6.1 (29.78)	<b>ACCEPTABLE</b> - Discussions in a high tone can be easily and clearly heard and understood		
STC 32	90	5.8 (28.32)			
STC 35	0	9.4 (45.89)	<b>GOOD</b> - Discussions in a high tone can be heard but not easily understood	Standard Private	
STC 35	90	6.8 (33.20)			
STC 37	0	11.2 (54.68)			
STC 43	0	11.2 (54.68)	<b>VERY GOOD</b> - Discussions on a high tone and hardly perceived and very difficult to understand	Courthouse	
STC 44	0	11.2 (54.68)			
STC 45	0	11.2 (54.68)	<b>EXCELLENT</b> - Discussions in a high tone are very difficult to perceive and not understood	Police department	Zero International : one row of Spring #119WB, one row of Weatherstrip #475 and one rabbeted threshold #564A
STC-45 Alternative hardware	0	11.2 (54.68)		Military	Pemko : S44 SiliconSeal gasket, S773 SiliconSeal gasket, PDB411AE drop seal and acoustic corner pad ACP112
STC 45	20	10.6 (51.75)		Executive offices	
STC45	45	10.4 (50.78)			
STC 50	0	16 (78.12)		<b>SUPERIOR</b> - Musical instruments and the sound systems are barely penetrated	Musical