



UNDERSTANDING HOTEL NOISE

STC measures how well walls block airborne sound, while IIC gauges how well floor-ceiling assemblies reduce impact sound.

STC RATINGS EXPLAINED

STC Rating	What Can Be Heard	Performance
25	Normal speech is easily heard	Very Poor
30	Loud speech is easily heard	Poor
35	Loud speech is heard, but not understood	Average
40	Loud speech is heard, but only as a murmur	Good
45	Loud speech is not heard. Music and heavy traffic may be a problem	Very Good
50	Only very loud sounds are faintly heard	Excellent
60+	Virtually little to no sound is heard	Outstanding

HOW SOUND TRAVELS THROUGH WALLS



IIC RATING FOR MATERIALS

Materials	IIC Rating
Ceramic/Marble Tiles	28
Vinyl Flooring	35-40
Hardwood Flooring	30-35
16mm Plywood	50-55
25mm Mineral Fibreboard	50-65
35 mm Concrete	60-65
Carpet and Underlay	75-85

STC and IIC ratings are crucial for creating quiet, comfortable spaces. Meeting or exceeding these standards enhances occupants' living experience by reducing noise and improving comfort.

