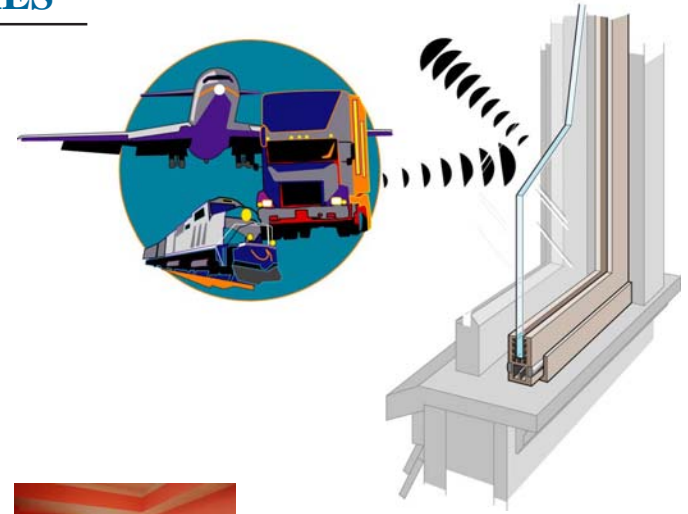




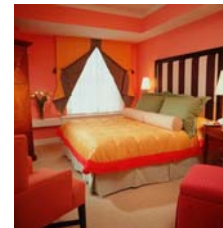
“We used to get 20 to 50 noise complaints a week, now we get NONE.”

Chief Engineer Larry Bailey said concerning his Austin Town Lake Holiday Inn. The hotel was suffering from numerous noise complaints. Guests had been unable to get a comfortable night’s sleep due to heavy traffic noise. Maine Glass was consulted and provided a solution that eliminated guest complaints.



Our Interior Insulating Windows are Proven to Reduce Noise Infiltration!

1. Sound transmission is primarily dependent on the air cavity between the two layers of glass and the glass thickness
2. Our windows not only create an air cavity but can use different glass thicknesses to optimize sound reduction
3. Independently tested to reduce noise infiltration by up to 75%



SOUND STUDY OF MAINE GLASS INTERIOR INSULATING WINDOWS

The tests listed in the chart below are from three independent testing agencies performed at three different facilities. All three of these tests resulted in over a 10 dB improvement. A 10 dB improvement translates into a 50 percent reduction in noise infiltration. Two of the tests resulted in over a 20 dB improvement which translates into over a 75 percent reduction in noise infiltration.

Test Location	Testing Agency	Rating Scale	Existing Conditions	Initial Results	Maine Glass Installation	Final Results	dB Improvement
Laboratory	RAL	STC	Wood, Single Fixed Pane window	26	2" airspace, interior fixed panel with 3/16" glass	49	23
Hotel Allegro	Acoustic Associates	NC	Steel, Single Pane fixed window	40	2 3/4" airspace, interior fixed panel with 3/16" glass	25	15
Hilton	BAI Consultants	NIC	Aluminum, Dual Pane fixed window	32	6" airspace, interior fixed panel with 5/16" lam	56	24

The Hotel Allegro is located in the heart of Chicago’s Loop and theatre district. It’s location makes it ideal for travelers, but also requires an effective solution to the problem of noise that any major metropolis poses. With the help of Maine Glass the Hotel Allegro was able to reduce their NC rating from 40 to 25, resulting in noise levels being reduced by 15 decibels. In laymen’s terms the *perceived noise levels were reduced by over half. This translates to higher occupancy rates and satisfied customers.*