



Comparison of Vacuum Insulating Glazing Units

Outside building

Inside building

Single Glazing

6 mm; 15 kg/m²

U_g – Value : 5.69 W/m²K

g Value: 0.85

LT: 90%

R_w 31 dB(-2;-3)

A-rated
Double Glazing

6/16/6K; 30 kg/m²

U_g – Value : 1.47 W/m²K

g Value: 0.72

LT: 75%

R_w 31 dB(-1;-4)

Triple Glazing

4/16/4K/16/4K; 30 kg/m²

U_g – Value : 0.81 W/m²K

g Value: 0.64

LT: 65%

R_w 32 dB(-1;-4)

PassivGlas™

8.15 mm; 20 kg/m²

U_g – Value : 0.49 W/m²K

g Value: 0.57

LT: 79%

Sound Reduction
 R_w (C;C_{tr}) 36 dB(-1;-3)

