

EWNR Calculation for Wall Elements

| <u>Wall</u> | <u>Basic EWNR</u> <u>(Table 1)</u> | | <u>EWNR Adjustment</u> <u>(Table 2)</u> | | <u>Total</u> <u>EWNR</u> |
|-------------|---------------------------------------|---|--|---|-----------------------------|
| #1 | _____ dB | + | _____ dB | = | _____ dB |
| #2 | _____ dB | + | _____ dB | = | _____ dB |

Composite Wall EWNR

From Worksheet 2 including All Windows, Doors, etc.

| | <u>Wall 1</u> | <u>Wall 2</u> | <u>Total Walls</u> |
|---|-----------------------|-----------------------|-----------------------|
| Composite EWNR, dB including windows, doors, etc. | _____ dB | _____ dB | _____ dB |
| Total Area, Sq Ft | _____ ft ² | _____ ft ² | _____ ft ² |

EWNR Calculation for Roof-Ceiling Elements

Attic Space Construction

Basic EWNR (from Table 3) _____ dB

New Basic EWNR for vented spaces (from Table 5) _____ dB

Adjustment for self-shielding (from Table 6) _____ dB

Total EWNR (Sum of one basic EWNR and adjustment) _____ dB

Single Joist Construction

Basic EWNR (from Table 3) * _____ dB

Adjustment for absorption (from Table 4) _____ dB

Adjustment for self-shielding (from Table 6) _____ dB

Total EWNR (Sum of above) _____ dB