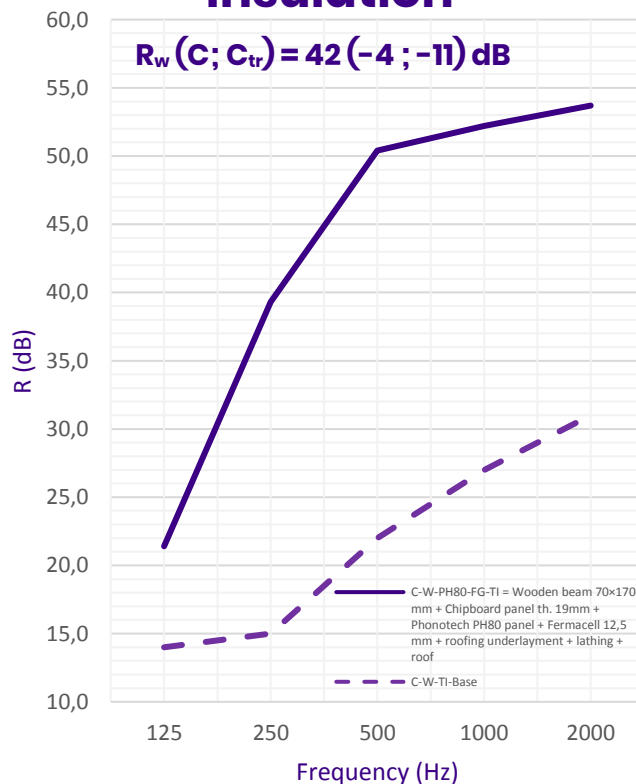


SYSTEM COMPOSITION

1. Wooden beams 70x170 mm
2. Chipboard board th. 19mm
3. Acoustic panel PHONOTECH PH80
4. Gypsum board th. 12,5 mm
5. Roofing underlayment
6. Lathing
7. Roof tiles

Insulation



R (dB) per octave band (Hz)

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 |
|----------------|------|------|------|------|------|
| R (dB) | 17,6 | 35,4 | 49,3 | 52,7 | 53,8 |

| System | Sound reduction | | | Thermal R. (m ² .K/W) | U (W/m ² .K) | Weight (kg/m ²) | Thickness (mm) |
|-----------------------|------------------------|------------------------|---------------------------|-------------------------------------|----------------------------|--------------------------------|-------------------|
| | R _w (dB) | R _A (dB) | R _{A,tr} (dB) | | | | |
| C-W-PH80-FG-TI | 46 | 42 | 35 | 2,660 | 0,38 | 91,27 | 105 |