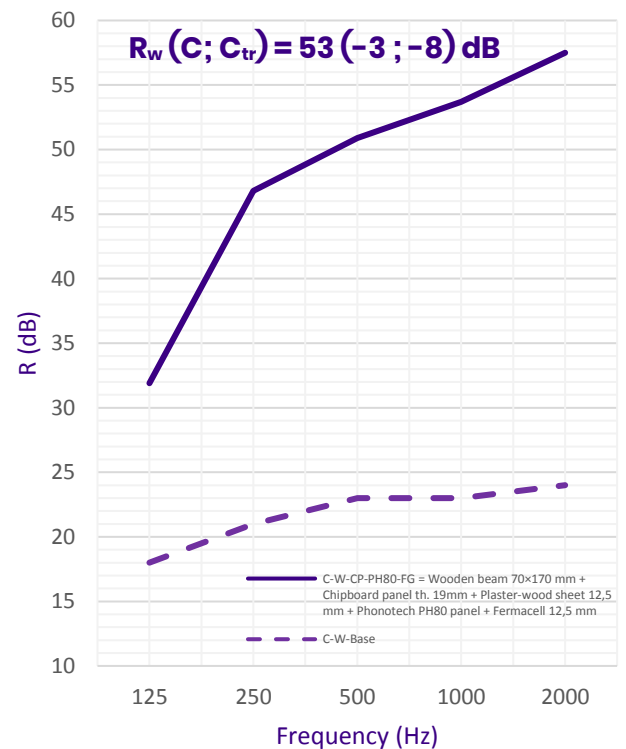


SYSTEM COMPOSITION

1. Wooden beam 70x170 mm
2. Chipboard panel th. 19mm
3. Plaster-wood board th. 12,5 mm
4. Acoustic panel PHONOTECH PH80
5. Gypsum board th. 12,5 mm

Insulation



R (dB) per octave band (Hz)

| Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 |
|----------------|------|------|------|------|------|
| R (dB) | 31,9 | 46,8 | 50,9 | 53,7 | 57,5 |

| 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-CP-PH80-FG | 53 | 50 | 45 | 2,720 | 0,37 | 71,05 | 117 |