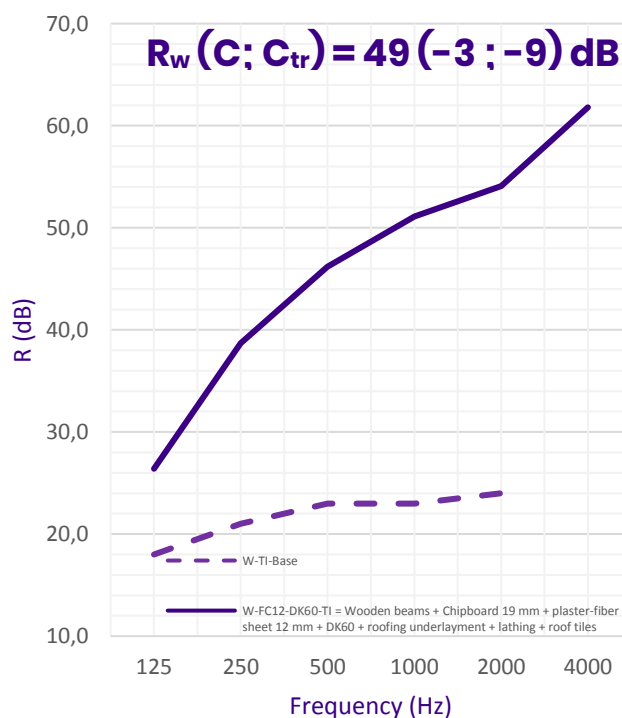


## SYSTEM COMPOSITION

1. Wooden beams
2. Chipboard th. 19mm
3. Fiber cement sheet th. 12 mm
4. Acoustic panel PHONOTECH DK60
5. Roofing underlayment
6. Lathing
7. Roof tiles

## Insulation



## R (dB) per octave band(Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
<b>R (dB)</b>	26,4	38,7	46,2	51,1	54,1	61,8

System	Sound reduction			Thermal R (m <sup>2</sup> .K/W)	U (W/m <sup>2</sup> .K)	Weight (kg/m <sup>2</sup> )	Thickness (mm)	PV
	R <sub>w</sub> (dB)	R <sub>A</sub> (dB)	R <sub>A,tr</sub> (dB)					
<b>W-FC12-DK60-TI</b>	49	46	40	2,18	0,46	86,97	193	CEDIA calculus