

## SYSTEM COMPOSITION

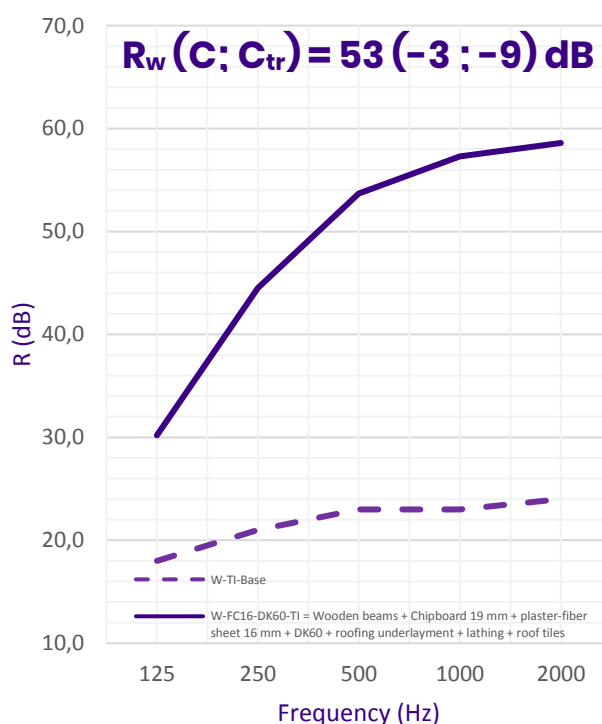
1. Wooden beams
2. Chipboard th. 19mm
3. Fiber cement sheet th. 16 mm
4. Acoustic panel PHONOTECH DK60
5. Roofing underlayment
6. Lathing
7. Roof tiles

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

Frequency (Hz)	125	250	500	1000	2000
<b>R (dB)</b>	30,2	44,5	53,7	57,3	58,6

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-FC16-DK60-TI</b>	53	50	44	2,21	0,45	91,11	197	CEDIA(02/18)

## Insulation



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