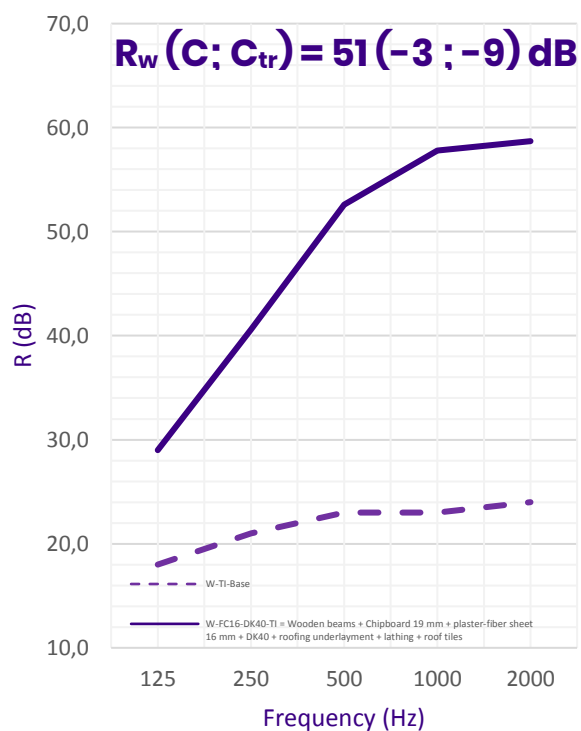


## SYSTEM COMPOSITION

1. Wooden beams
2. Chipboard th. 19mm
3. Fiber cement sheet th. 16 mm
4. Acoustic panel PHONOTECH DK40
5. Roofing underlayment
6. Lathing
7. Roof tiles

## Insulation



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

Frequency (Hz)	125	250	500	1000	2000
<b>R (dB)</b>	29,0	40,6	52,6	57,8	58,7

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-DK40-TI</b>	51	48	42	1,64	0,61	89,90	187	CEDIA(02/18)