

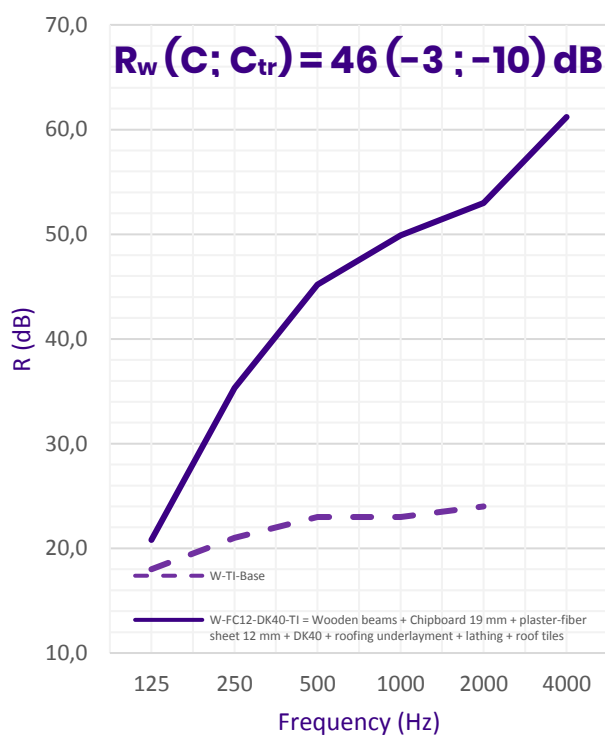
SYSTEM COMPOSITION

1. Wooden beams
2. Chipboard th.19mm
3. Fiber cement sheet th.12 mm
4. Acoustic panel PHONOTECH DK40
5. Roofing underlayment
6. Lathing
7. Roof tiles

R (dB) per octave band (Hz)

Frequency (Hz)	125	250	500	1000	2000	4000
R (dB)	20,8	35,3	45,2	49,9	53,0	61,2

Insulation



System	Sound reduction			Thermal R (m ² .K/W)	U (W/m ² .K)	Weight (kg/m ²)	Thickness (mm)	PV
	R _w (dB)	R _A (dB)	R _{A,tr} (dB)					
W-FC12-DK40-TI	46	43	36	1,61	0,62	85,76	183	CEDIA(02/18)