

**Level of estandardized noise impact according to the ISO 10140-3:2010  
Measurement of impact sound insulation in test normalized of the buildings components**

**Company :** Dinamik Isı Makina Yalıtım Malzemeleri San. Tic.A.Ş.

**VAT:** 297 061 5439

**Manufacturer :** Dinamik Isı Makina Yalıtım Malzemeleri San. Tic.A.Ş.

**VAT:** 297 061 5439

**Tested by:** ACUSTTEL

**Acusttel test chambers**

**Date of the test:** July 11, 2017

**Description and identification of the building and disposition of the tests:**

Reference slab: Normalised 15cm concrete floor.

Sample: Layer of Climaflex® 30 Kg/m<sup>3</sup> density and 10 mm of thickness. The material is collocated under a 5 cm 2500 kg/m<sup>3</sup> concrete slab.

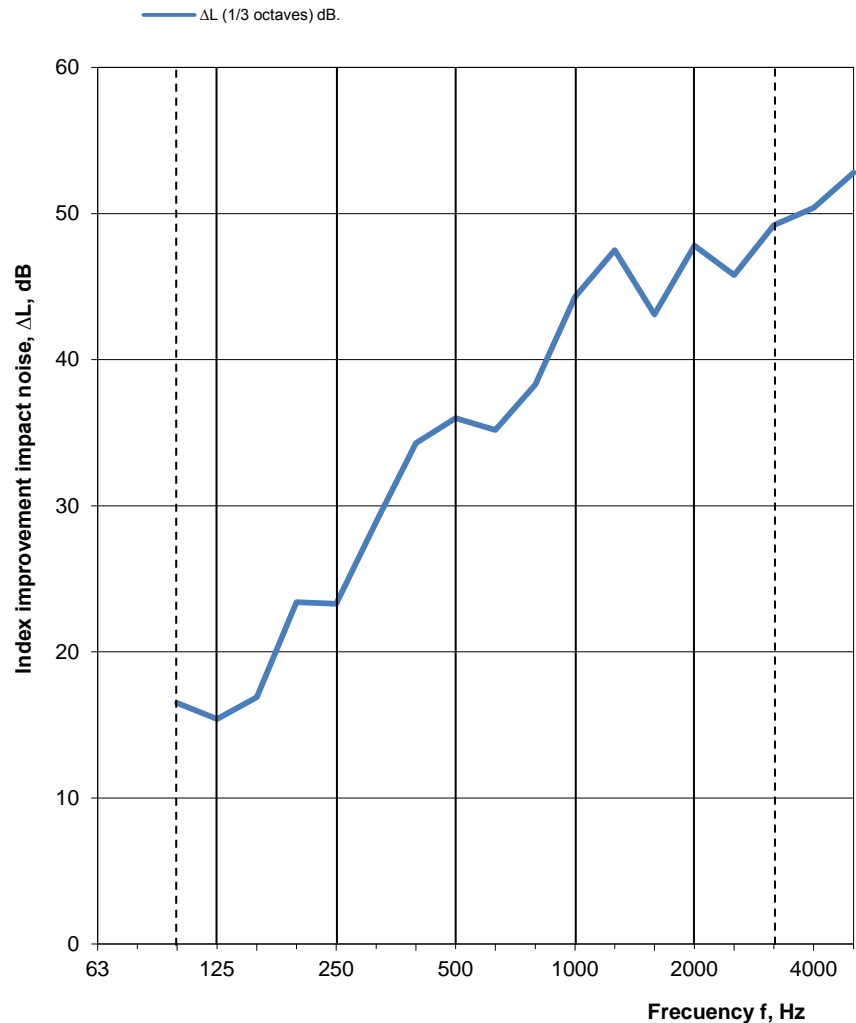


**T° receiver** 28,2 °C  
**Humidity receiver** 59,4%  
**Static pressure emitter** 1012 mbar  
**Static pressure receiver** 1012 mbar

**T° emitter room** 28,6 °C  
**Humidity emitter room** 58,6%  
**Receiver room volume** 62,6 m<sup>3</sup>  
**Drying time** 72 hours

- 1.- Heavy Concrete 15 cm thick.
- 2.- Layer Climaflex 30/10
- 3.- 5 cm concrete slab

Frequency f (Hz)	Ln,0 (1/3 octaves) dB	ΔL (1/3 octaves) dB.
50		
63		
80		
100	67,8	16,5
125	65,9	15,4
160	62,1	16,9
200	64,1	23,4
250	61,6	23,3
315	62,4	28,9
400	65,7	34,3
500	67,2	36,0
630	68,7	35,2
800	69,4	38,3
1000	69,7	44,3
1250	70,4	47,5
1600	70,6	43,1
2000	71,0	47,8
2500	71,4	45,8
3150	72,0	49,2
4000	71,7	50,4
5000	70,7	52,8



Index of insulation according to ISO 717-2

**ΔL<sub>w</sub> = 37 dB**

Cl,Δ = -13 dB

Cl,r,50-2500 = N/A

Cl,r = 1 dB

Index based on the field measurements results in 1/3 octaves by means of engineering method

Nº Report: 17.0094.CA.0010

Report Date: August 3, 2017

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