

DECLARATION OF PERFORMANCE

Declaration Number: **011/01.09.2019**

acc. to Annex III Regulation (EU) 305/2011 of the European Parliament and the Council of 09 March 2011 laying down harmonized conditions for the marketing of the Construction Products

1. *Product name:* Flooring sound insulation **Vibrofloor**
2. *Intended use or uses of the construction product:* **Flooring designed to suppress noise and vibration, when mounting floating floor or laminate.**
3. *Name and contact address of the manufacturer:* **OOO Techno Sonus-Centr**, Russia, Lakina str., bldg. 4, Vladimir, 600014+7 (4922) 52-20-56, www.tn-ss.ru, info@tn-ss.ru
4. *Authorised representative:* **SC Krypto Cert SRL**, Bucuresti, Str. Poiana cu Aluni, Romania.
www.kryprocert.ro ; office@kryprocert.ro.
5. **System 4-**
6. *Harmonized standard used:* EN 13171:2012 Test report No 445-002-11/18.12.2012;
No 445-002-12.24.12.2012;
This product is in accordance with the regulations of DIN 4102-B3 (class building material B3) and DIN 52210 (acoustic insulation) and thus respects the conditions to be CE marked

Performance declared Dynamic Feature	Dynamic module of elasticity E_d MPa, relative compression under load ϵ_d			
	2000		5000	
	E_d	ϵ_d	E_d	ϵ_d
Sample No. 1 2,3 mm	0,20	0,11	0,80	0,23
Sample No. 2 4,6 mm	0,25	0,15	1,0	0,34
Material thickness under load	Dynamic stiffness indicator, MPa/m Indicator of dynamic stiffness with a load on the sample			
2,05	100			
3,90	65			
1/3 octave band frequency Hz	Reducing the level of impact noise ΔL_n dB by the construction of the floor laid on a soundproof layer of vibrofloor felt 2,3 and 4,6 mm thick with the results			
	Laminate thickness 6mm, felt 2,3 mm	Laminate thickness 6mm, felt 4,6 mm	Laminate thickness 15mm, felt 2,3 mm	Laminate thickness 15mm, felt 4,6 mm
100	3,9	1,3	4,0	0,1
125	2,5	0,3	0,1	-1,3
160	2,8	2,7	-0,3	-1,0
200	0,8	4,5	1,5	1,2
250	4,7	5,3	1,3	1,5
320	5,1	9,6	-1,0	3,5
400	7,6	18,1	-1,3	6,0
500	12,9	22,3	4,6	9,3
630	20,0	25,4	10,5	14,6
800	24,7	31,0	18,1	18,6
1000	32,9	36,2	22,7	26,7

1250	37,8	39,2	30,9	30,2
1600	41,5	47,2	36,7	34,4
2000	47,1	50,7	41,4	38,5
2500	51,5	53,9	46,0	44,3
3200	55,3	57,3	50,3	48,0
Floor impact sound insulation improvement index	19	21	16	18
1/3 octave band frequency Hz	Impact Noise Reduction ΔL_n dB Reducen Impact Noise Floating Screed Design dB			
100	2,0			
125	7,3			
160	10,4			
200	7,2			
250	12,2			
315	14,0			
400	19,3			
500	19,5			
630	21,9			
800	25,9			
1000	28,8			
1250	31,7			
1600	36,8			
2000	41,5			
2500	45,3			
3150	49,0			
Floor impact sound insulation improvement index	23			

7. The factory has implemented the management system ISO 9001 Certificate Nr: 0006073 from 14/03/2016

The product above mentioned it is according to with the declared performances. This Declaration it's issued according to Regulation (EU) No 305/2011 and the Manufacturer's responsibility it is excusive.

Signed for and on behalf of the :

Manufacturer	Authorised representative
	