

EVOSOUND NORUMOR

Technical data sheet

MATERIAL

Flexible polyethylene foam (PEF) with scratch resistant protective coating.

PRODUCT RANGE

Tubes in rolls with diameters from 40 to 125 mm and a thickness of 4 mm.

PRODUCT APPLICATION

Acoustic insulation of drainage systems.*

ACOUSTIC INSULATION TEST

(Ref. European Standards UNI EN ISO 10140-1-2 - UNI EN ISO 717 -)

Sample area $S = 1,50 \text{ m}^2$

Volume of the receiving room $V = 69,6 \text{ m}^3$

Volume of the transmitting room 86 m^3

FREQ. Hz	R dB	U dB
100	12,1	1,6
125	3,9	1,4
160	0,4	1,5
200	2,5	1,4
250	4,0	1,0
315	2,9	1,0
400	3,2	0,8
500	2,6	0,7
630	2,8	0,7
800	3,7	0,7
1000	4,5	0,6
1250	5,4	0,6
1600	6,4	0,6
2000	7,2	0,6
2500	8,0	0,6
3150	9,4	0,6
4000	10,5	0,6
5000	11,7	0,6

RW (C;C_{tr}) = 6 (-1;-3) dB
K=2.00 - 95%



TEST RESULTS WITH NORUMOR THICKNESS 5 MM

Sound level of drainage pipe	70 dB (A) -
Noise reduction with NORUMOR	6 dB (A) -
Noise reduction of the walling	32 dB (A) =
MEASURED AMBIENT NOISE LEVEL	32 dB (A)

NB: For drainage pipes, the current legislation imposes a limit of 35 dB as being the level of noise not to be exceeded in the environment.

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* Please note that insulation material is not designed to operate in direct contact with the transported fluid.

NOTES: All standards referred to in this document are intended to be updated to the latest released version. The latest specific documentation and certifications issued are available upon registration on our website at: www.evocellmobius.it

It is the responsibility of the end user to verify the suitability of the product for the intended application, according to the specific conditions of use and installation. EVOCELL&MOBIUS reserves the right to modify the above-mentioned data without prior notice. Please refer to the website www.evocellmobius.it for the latest version.