



# NYQUIFIX PRO

ACOUSTIC INSULATION

## PRODUCT CHARACTERISTICS

Nyquifix is an acoustic insulation system for existing building partitions. It is a perfect solution for all people in need of peace and quiet, without the need for major renovations. The system is easy to assemble. It is suitable for use in finished interiors. Due to the lack of direct contact between the plasterboard layer and the specific wall, Nyquifix creates a so-called floating surface, minimizing vibrations. The thickness of the entire system (including 12 mm cardboard), is only 63 mm. The insulating capacity of a 12 cm thick brick wall without a system is 42dB; with the NYQUIFIX system rises to 62dB, which means that noise is four times less noticeable.

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## PRODUCT CHARACTERISTICS

	INSULATION COEFFICIENT	62 dB
	POWIERZCHNIA PLYWAJĄCA	tak
	INSULATION	broadband
	RECOMMENDED FINISH	fiber-gypsum boards
	INSTALLATION	easy
	VIBROINSULATION	very large
	FIVE-LAYER CONSTRUCTION	yes
	DYNAMIC RIGIDITY	very low

## MATERIALS

The system consists of NyquiBoard plates made of re-foamed, polyurethane foam with a density of 110 kg / m<sup>3</sup>, characterized by high resistance to chemicals and temperature; Floating N120 slats made of foam with a density of 120kg / m<sup>3</sup> and MDF, acting as a substructure and a SoundBlock vibroinsulating foundation with a density of 1000 kg / m<sup>3</sup>.

## SYSTEM SET:



### 1 SET OF NYQUIFIX PRO SYSTEM CONTAINS:

- NyquiBoard N110 - 4 pcs. 1,0m x 0,5m x 0,035m
- slat N120 - 4 pcs. 1,0m x 0,1m x 0,034m
- slat N120 - 2 pcs. 1,0m x 0,05m x 0,034m
- SoundBlock H3 underlay - 1 roll 2,5m x 1,0m x 0,003m

## INSTALLATION

- The system should be glued (not screwed) directly to the wall with a flexible adhesive based on polymers, polyurethanes or elastic cement mortar. The adhesive can not contain a solvent based substance.
- The surface to which the system is mounted should be even and free from contamination.
- Before installing the system, install dilatation in the form of vibro-insulating primer V-MAT 350 on the whole perimeter of the wall at the mounting surface, and then fill the gap with an elastic sealant.
- In order to successfully install the system, the enclosed assembly instructions must be strictly observed.
- The effectiveness of sound insulation of the system depends largely on the precision of assembly and the exact filling of joints with leveling compound.
- It is recommended to use gypsum- fiber or cement-fiber panels with increased acoustic insulation for the external layer.