



NYQUIPADS

ACOUSTIC INSULATION

PRODUCT CHARACTERISITICS

NyquiWave is a completely new form of diffusion panel. The irregular shape of the plaster mold is based on a binary pattern of a random sequence of numbers. It deceptively resembles the undulating surface of a calm ocean. The solution is perfect as a system that disperses acoustic waves. Good dispersion of sound waves in a room is one of the most important factors in improving sound quality. In addition, it prevents the formation of a flutter echo and helps to reduce the reverberation time. The diffuser is perfect for correcting mid and high tones. NyquiWave is known not only for its high sound attenuation factor but also for its original design. As a result, it has become the inspiration for many designers and engineers around the world.


A diffuser placed on the ceiling or on the wall gives any interior a modern and unusual character. It can be used in professional recording studios as well as in home listening rooms or cinema halls. The system will work everywhere, where the high efficiency of sound dispersion at limited adaptation area. Gypsum material base provides high resistance to damage. The panel is easy to maintain and human friendly.

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PRODUCT PROPERTIES

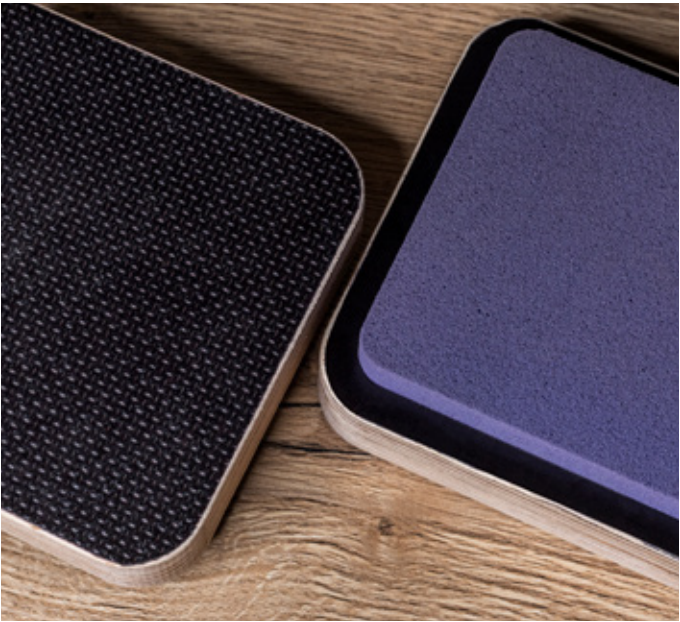
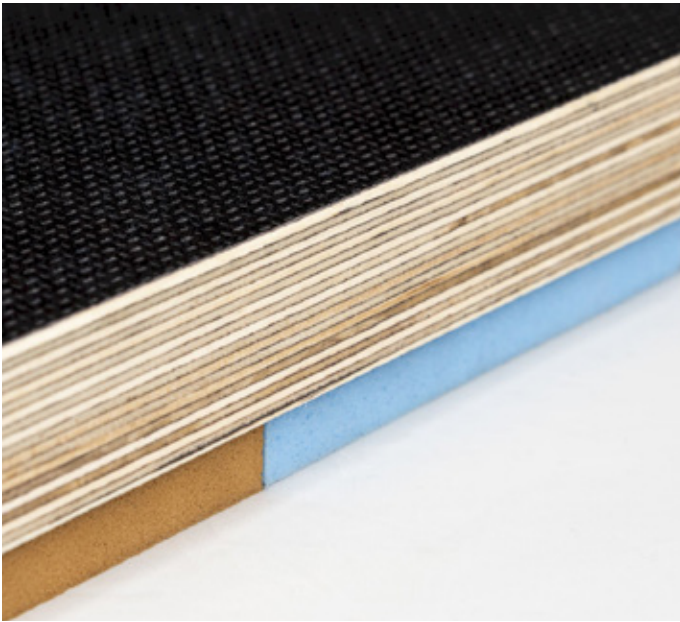
	WATER ABSORPTION	no
	SUPPRESSION OF SHOCK SOUNDS	very high
	VIBROINSULATION	very high
	TRIPLE-LAYER CONSTRUCTION	yes
	ASSEMBLY	fast
	SHOCK RESISTANCE	very high
	COMPRESSIVE STRENGTH	very high
	TEMPERATURE FLUCTUATIONS	very high resistance

MATERIALS

The elastomeric material works like a spring - when loaded, it deforms under the influence of vibrations and then returns to its original state, suppressing unwanted vibrations. A wide range of feet with different static and dynamic loads allows you to choose the right model for a particular type of vibration and the weight of the equipment. The key elements in the selection of NyquiPads are their number and distribution, the thickness and density of the material in relation to the pressure exerted by the machine. This makes it possible to influence the natural frequency of the vibration isolator, above which the vibration damping starts.

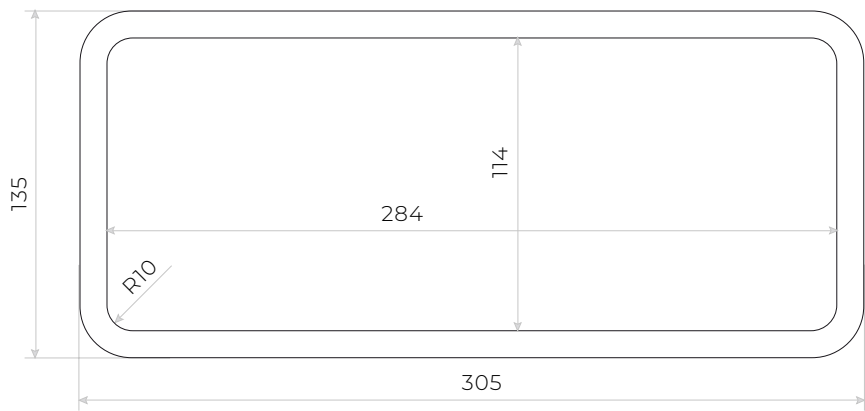
USE:

- Fitness equipment and treadmills
- Industrial equipment
- Air conditioners and turbines
- Compressors, presses, motors
- Cold stores, conveyor belts
- Measuring tables
- Drives for elevators and winches
- Other noise generating machines

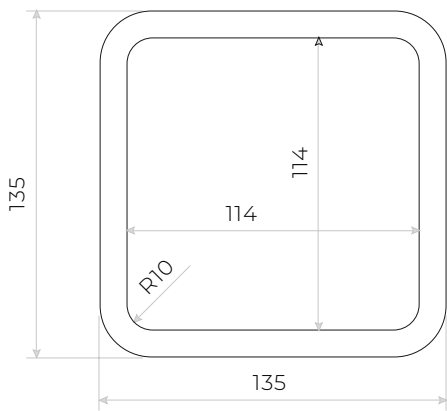


TECHNICAL DRAWINGS

NyquiPad L



NyquiPad S



All measurements given in mm