Vibration reduction pad

# Pita-Pad

Offers vibration reduction comparable to that of air suspension vehicles!









- Reduces damages caused by vibrations during transportation.
- Outperforming even air suspension trucks.
- Customizable to fit any size.

The Plapearl Pita-Pad is a vibration-reducing pad consisting of a lightweight rigid board Plapearl and Pitaform, which has excellent energy absorption properties. It protects important cargo such as precision equipment from abrasion, cracking and deterioration caused by vibration.

## Standard specifications

 $* \ {\tt Configurations} \ {\tt may} \ {\tt vary} \ {\tt depending} \ {\tt on} \ {\tt size} \ {\tt and} \ {\tt loading} \ {\tt weight}.$ 

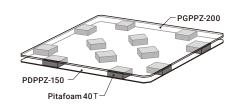
Size: 1073mm×1046mm

Structure: PGPPZ-200 / PDPPZ-150 / Pitafoam 40T

(12 pieces of 100mm × 100mm attached)

Payload :  $250\sim500$ kg

# Example of Pitafoam Arrangement



## Power spectral density function (PSD) comparison in vehicle vibration.

Measurement: July 2019 Nittsu NEC Logistics,Ltd. The black line is the ideal line for vibration isolation. Data with vibration energy close to the The black line is the ideal line for vibration isolation. Data with vibration energy close to the black line and still low data indicate high vibration isolation. black line and still low data indicate high vibration ①Using Plapearl Pita-Pad Alopé ②De-Carbo with Plapearl Pita-Pad 100 100 PSD((m/s2)2/Hz)  $-SD((m/s^2)^2/Hz)$ 10-10-2 10-3 10-10-4 10-10-5 10-6 10-6 10-7 10.0 100.0 Frequency(Hz) Frequency(Hz) Air Suspension Vehicle Leaf Spring Vehicle Air Suspension Vehicle with Plapearl Pita-Pad Leaf Spring Vehicle with Plapearl Pita-Pad Synchronised with the cargo bed (yellow section) Full anti-vibration (light blue areas)

riangle This product is flammable and should not be stored or used near fire.

Avoid prolonged storage and use in high temperatures and direct sunlight.

#### Manufacturer

