## QUSTICS

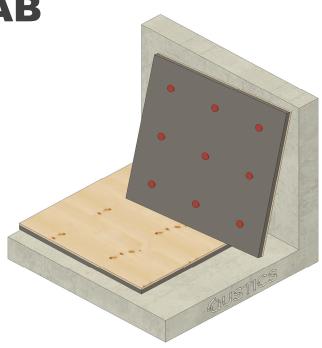
# QuietMatrix<sup>™</sup> PREFAB

Prefabricated Discrete Pad System

Factory-prefabricated panels for convenient installation. It is most suitable for small retrofit projects.

QuietMatrix<sup>™</sup> PREFAB panels are installed following a project-specific layout plan. It is recommended to install at least one additional layer of plywood on top for overlapping joints and structural integrity.

- Utilizes QuietMatrix™ DOT bearing pads
- Typical panel size: 48" x 48" x 2-3/4"



$\begin{array}{c} \overset{a}{\overset{a}{\overset{a}{\overset{a}{\overset{a}{\overset{a}{\overset{a}{a$	$ \begin{array}{c} \overset{a}{\longrightarrow} \overset{a}{\longrightarrow} \overset{a}{\longrightarrow} \overset{b}{\longrightarrow} \overset{a}{\longrightarrow} \overset{a}{\to} \overset{a}{\longrightarrow} \overset{a}{\overset} {a}{\overset} \overset{a}{\longrightarrow} \overset{a}{\overset} \overset{a}{\overset} \overset{a}{\overset} \overset{a}{\overset} \overset{a}{\overset} \overset{a}{\overset}$	$ \begin{array}{c} a \\ a \\ \nabla \end{array}  \begin{array}{c} b \\ a \\ \end{array}  \begin{array}{c} a \\ a \\ \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \begin{array}{c} a \\ \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}  \end{array}  \end{array}  \end{array}  \end{array}  \begin{array}{c} a \\ \end{array}  \end{array}$

### QuietMatrix<sup>™</sup> PREFAB Benefits

- Suitable for small retrofit projects
- Ease and speed of installation
- Custom but affordable solution
- ✓ Cleansulation™ Ecofriendly Felt Batt
  - Minimum Surface Contact Area (>0.69%)

#### Features QUSTICS Cleansulation™

Fiberglass- and formaldehyde-free; 100% recycable; water, mildew, and vermin resistant.

Good for the environment. Good for healthy spaces.

## QUSTICS

# QuietMatrix<sup>™</sup> DOT-2

2" Dual Ring Isolation Bearing Pad

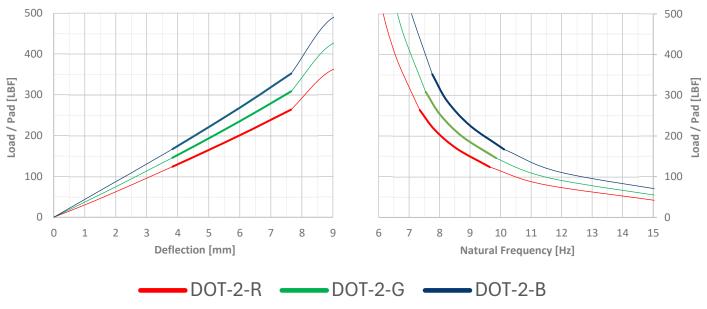
### **Key Benefits**

**Dual Ring Design for Optimum Performance** 



- Minimum Contact Area in Optimum Load Range
- Degressive Deflection when exceeding Optimum Load Range
- Low Natural Frequency at Low Deflection
- Natural Rubber for best Static/Dynamic Properties
- Color Coded Pads & Shop Drawings

### **Static & Dynamic Properties**



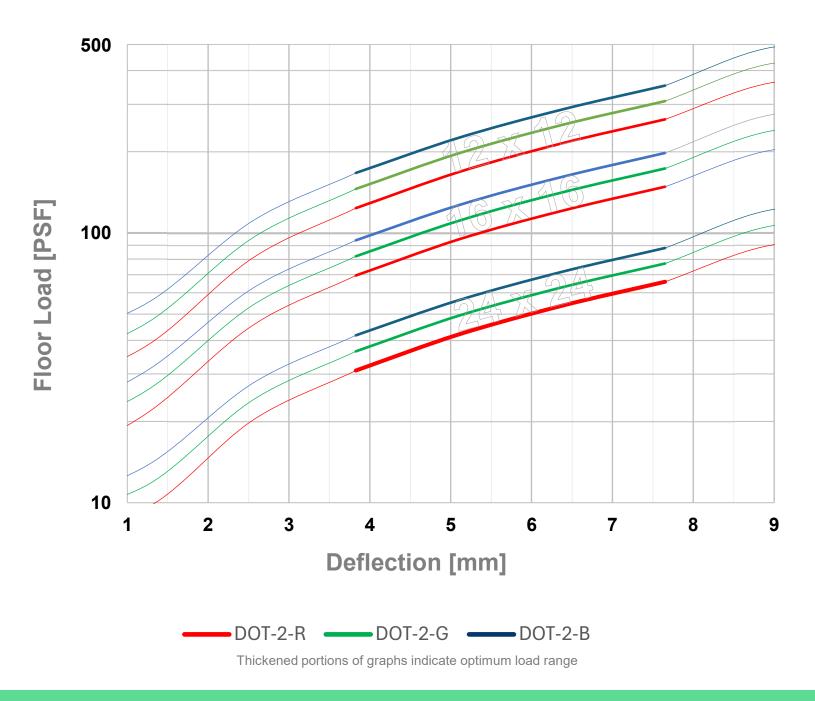
Thickened portions of graphs indicate optimum load range

# QuietMatrix<sup>™</sup> DOT-2

2" Dual Ring Isolation Bearing Pad

### **Static Properties under Floor Load**

with various on-center pad spacing

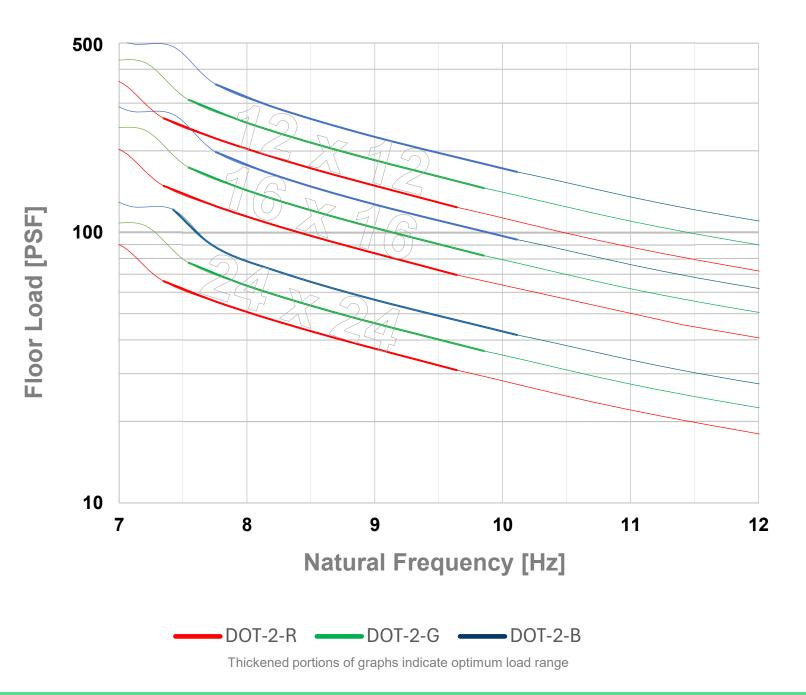


# QuietMatrix<sup>™</sup> DOT-2

2" Dual Ring Isolation Bearing Pad

**Dynamic Properties under Floor Load** 

with various on-center pad spacing



## QUSTICS

#### Who Are We

We are a team of passionate individuals that care about good building acoustics and healthy environments. Our backgrounds range from former acoustical consultant, to project manager for manufacturers, to installer, to technical leader. This wide level of experience is reflected in the solutions we develop.

#### What We Do

"Create Quiet" is our mission. We aim to provide solutions that perform better than conventional products – while being environmentally friendly, good for people and installers, and allow for good indoor air quality.

As part of our mission, we aim to avoid fiberglass, chemical binders, and other materials that contain significant amounts of formaldehyde and volatile organic compounds.

#### What Sets Us Apart

QUSTICS has developed acoustical solutions that are formaldehyde-free, do not use chemical binders, do not contain fiberglass, and are convenient to handle and to install. We care about the environment, people, and indoor air quality.

Knowing that the best product only performs well when properly installed, we strive to provide on-site installation support for every project.

QUSTICS LLC 1200 Corporate Blvd Building D 9-04 Lancaster, PA 17601 United States

⊘ 800-679-6679
support@qustics.com

qustics.com

The information provided herein is for general informational purposes only. It is not intended as professional or expert advice and should not be construed as such. The technical data and information presented may be subject to change without notice. We make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability, or availability with respect to the information contained herein. This document and information contained herein replaces all previous information provided prior to this publication.

