

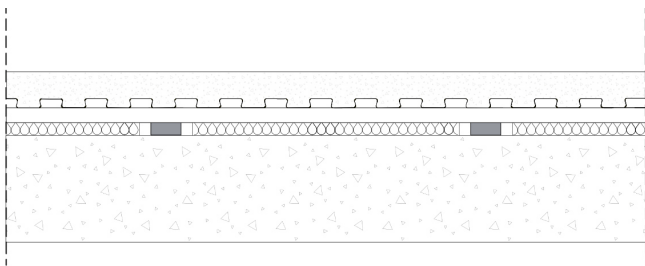
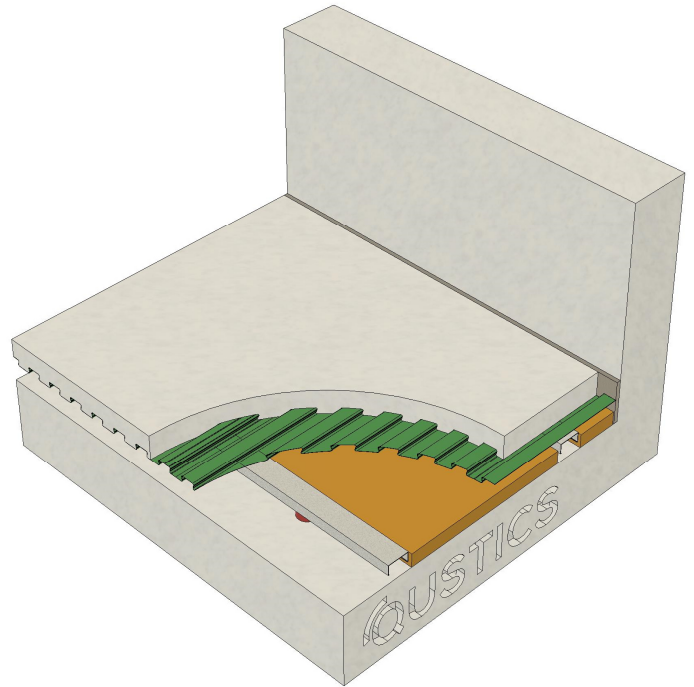
QuietMatrix™ DECK

2" Concrete Floor System

When a project does not provide enough elevation or load bearing capacity for a 4" floating concrete slab plus wooden formwork, QuietMatrix DECK allows the use of concrete floating floors as thin as 2".

This system does not require any wooden formwork. The deck's special geometry provides formwork and reinforcement in one.

- Utilizes **QuietMatrix™ DOT** bearing pads.
- Standard System Thickness: 2" (+ Concrete)



QuietMatrix™ DECK Benefits

- ✓ Allows thin Concrete Toppings ($\geq 2''$)
- ✓ Low Dynamic Stiffness Isolators
- ✓ Low Natural Frequency at Low Deflection
- ✓ Cleansulation™ Ecofriendly Felt Batt
- ✓ Minimum Surface Contact Area ($>0.69\%$)

Features QUSTICS Cleansulation™

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

Good for the environment. Good for healthy spaces.

QuietMatrix™ DOT-2

2" Dual Ring Isolation Bearing Pad

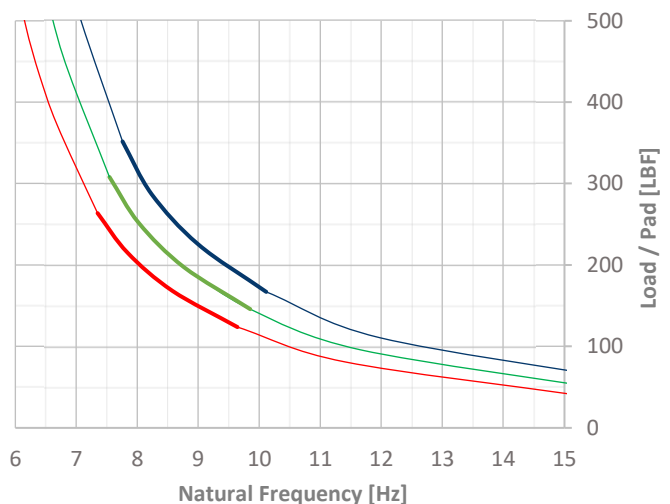
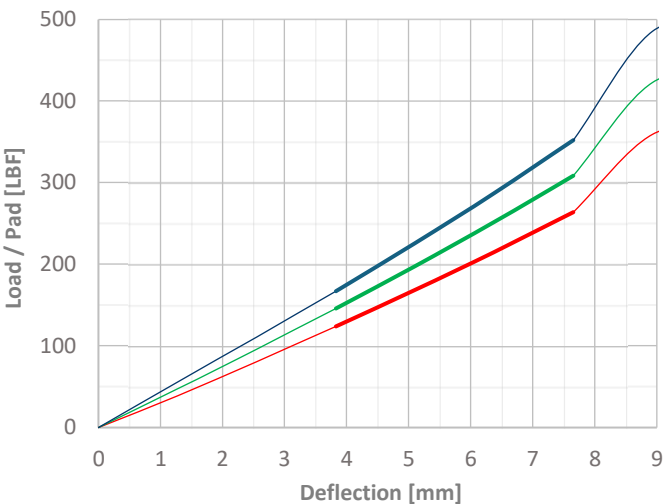
Key Benefits

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



— DOT-2-R — DOT-2-G — DOT-2-B

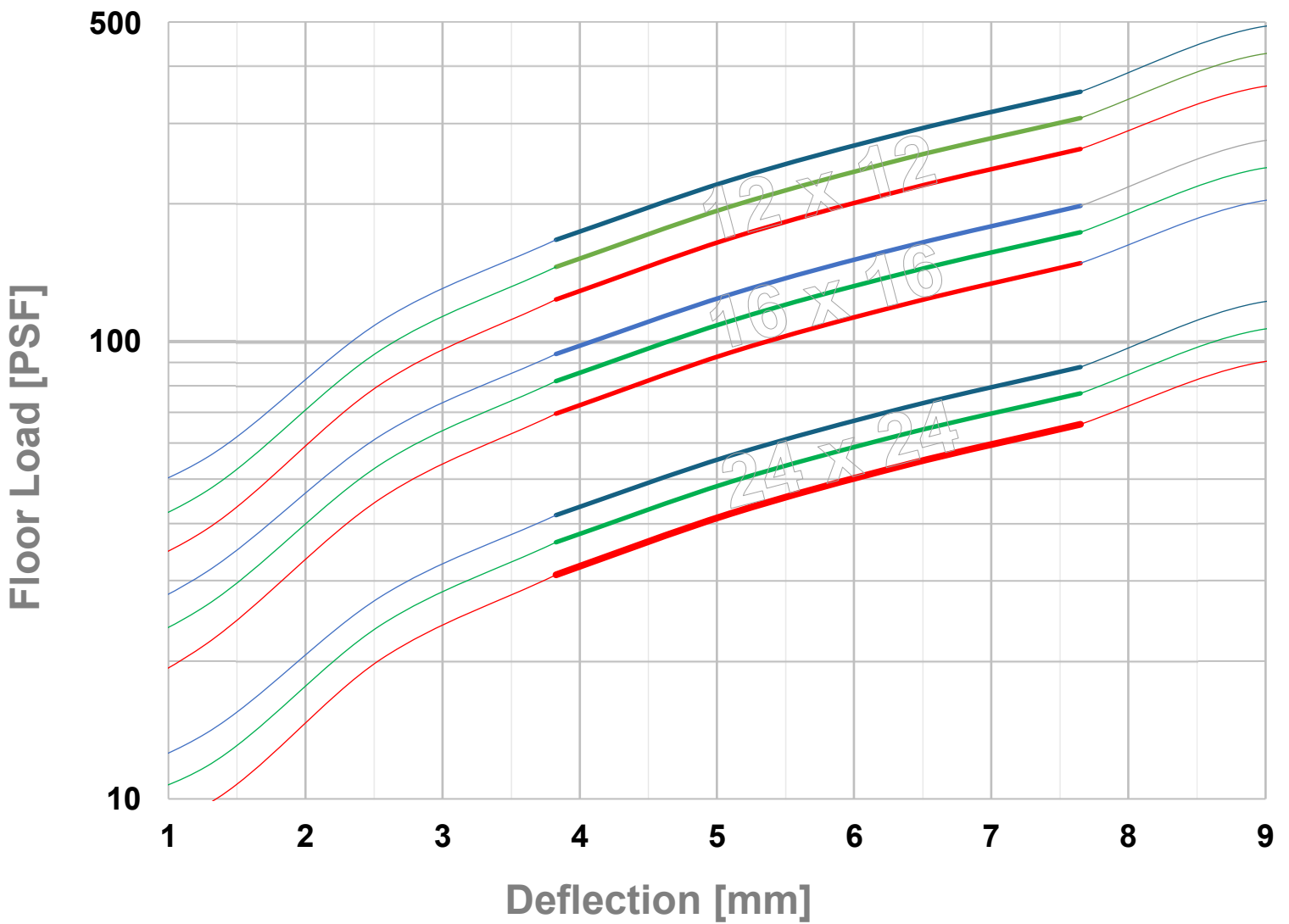
Thickened portions of graphs indicate optimum load range

QuietMatrix™ DOT-2

2" Dual Ring Isolation Bearing Pad

Static Properties under Floor Load

with various on-center pad spacing



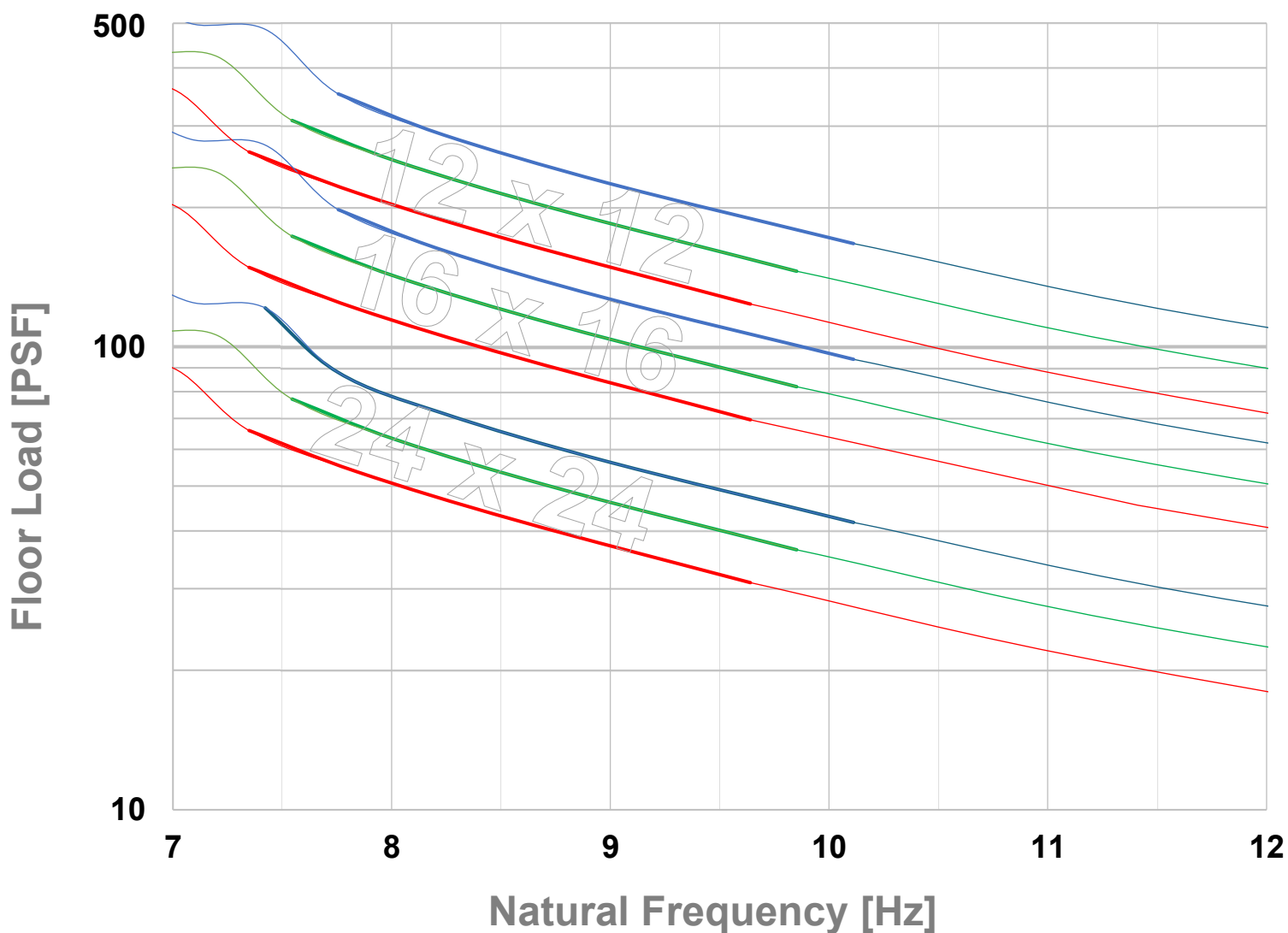
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QuietMatrix™ DOT-2

2" Dual Ring Isolation Bearing Pad

Dynamic Properties under Floor Load
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— DOT-2-R — DOT-2-G — DOT-2-B

Thickened portions of graphs indicate optimum load range

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.

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