



BUFFALO RIVER PLASTICS

MINI WAFFLE PAD

Low-profile resilient isolation pad engineered for sprung flooring systems — dance, theater & sport

SUBMITTAL / DATA SHEET

MODEL BRP-MW $\frac{3}{8}$ "

2" x 2" x $\frac{3}{8}$ " PAD

Buffalo River Plastics builds resilient products contractors install with confidence. The **BRP Mini Waffle Pad** pairs the proven waffle-pad geometry with a **new high-performing synthetic rubber** — purpose-built as a low-profile $\frac{3}{8}$ " resilient layer beneath sprung flooring systems for dance, performance theater, and sport. Molded in the USA and supplied as a **4" x 4" set of four pads** that cut apart cleanly on job.

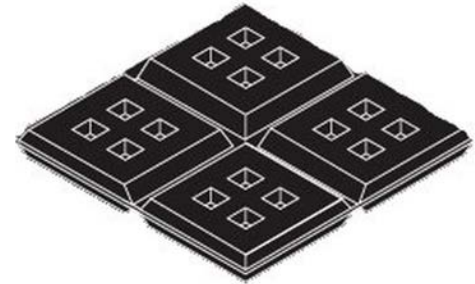
2×

BETTER COMPRESSION SET
THAN NATURAL RUBBER

SPRUNG-FLOOR ENGINEERED

MADE IN THE U.S.A.

CUTS INTO FOUR 2" PADS



4" x 4" SET — SEPARATES INTO FOUR 2" x 2" PADS

PRODUCT DESCRIPTION

Molded resilient pad with a recessed-cell (waffle) face that flexes under load to deliver uniform deflection, shock attenuation, and energy return. Specified as the resilient element in sleeper / subfloor sprung-floor assemblies and designed for improved lifespan & performance in this demanding application vs. competitors' general-purpose options.

MATERIAL

A new high-performing synthetic rubber formulated for roughly **2×** the **compression-set resistance of natural rubber** — the pad holds its height, rebound, and rated deflection far longer for extended service life under sustained and repeated loading. Hardness per ASTM D2240; compression set per ASTM D395.

SIZE & CONFIGURATION

Supplied as a 4" x 4" x $\frac{3}{8}$ " (100 x 100 x 10 mm) set of four interconnected 2" x 2" modules joined by a thin scored web. Modules cut cleanly with a knife to form 2" x 2", 2" x 4", or 4" x 4" pads. Individual module 2" x 2" x $\frac{3}{8}$ " (50 x 50 x 10 mm) nominal.

APPLICATION

Sprung flooring systems — dance studios, performance / theater stages, and multipurpose sport floors. Select quantity from the load table and use full squares.

HARDNESS / DUROMETER

Standard 60 Shore A. Available 50–70 Shore A to tune to the desired performance & responsiveness of the floor application.

INSTALLATION

Lay on a clean, dry, level substrate in the grid specified by the flooring system; cut modules to size as required. Mechanically fasten each pad in place with staples. Pads may also be bonded with a vinyl/rubber-compatible construction adhesive where the assembly requires.

MADE IN U.S.A. & SUSTAINABILITY

Molded in the United States. Recyclable rubber compound.

WARRANTY

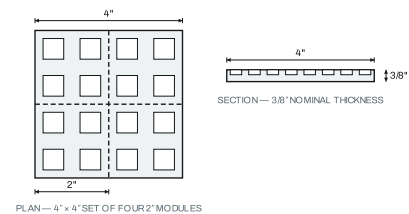
One-year manufacturer's warranty against manufacturing defects.

LOAD RATINGS — PER 2" x 2" SQUARE (15% DEFLECTION)

DUROMETER (SHORE A)	LOAD / 2" SQ (LB)	LOAD / 2" SQ (KG)	BEARING (PSI)
50	220	100	55
60 — Standard	300	136	75
70	360	158	90

Single-layer values at 15% deflection. Use full squares and design to the most convenient rectangle; added squares give more conservative loading. **Sizing example:** 1,400 lb ÷ 300 lb (60 duro) = 4.7 → use 5 squares (1×5 modules / 2"×10").

DIMENSIONS



PLAN — 4" x 4" SET OF FOUR 2" MODULES

PROJECT SUBMITTAL

APPROVED ☐ APPROVED AS NOTED ☐ REVISE & RESUBMIT ☐

JOB NAME	ARCHITECT / ENGINEER	CONTRACTOR	TAG / UNIT
DUROMETER SPECIFIED	SETS REQUIRED	APPROVED BY	DATE



Gym Floor Resource

www.gymfloorresource.com

Phone: 614-796-3166