



QuietZone® Acoustic Floor Mat & Floor Mat Edge



Physical Properties

Property	Test Method	Value
Compressive Strength, Vertical Direction	ASTM D3575 93 Suffix D @ 25%/50%	518/1728 (psf)
Compression Set (50% deflection requires a loading of 1800 psf)	ASTM D3575 93 Suffix B	26% (74% Recovery)
Nominal Density	ASTM C303	2.2 (pcf)
Water Absorption	ASTM D3575 93 Suffix L	<0.1 (psf)
Thermal Resistance R-Value	ASTM C518 85	0.96 (Hr•Ft. ² •°F/BTU)
Surface Burning Characteristics	ASTM E84	
Flame Spread		0
Smoke Developed		70

Description

QuietZone® Acoustic Floor Mat and QuietZone® Floor Mat Edge are composed of a lightweight, closed cell, extruded polyethylene foam, is acoustically engineered to isolate sound vibrations and impact noises. Wall performance will also increase, as flanking noise will be reduced.

Features

QuietZone® Acoustic Floor Mat and QuietZone® Floor Mat Edge have:

- Exceptional compressive strength, while also being resilient enough to absorb impact vibrations
- Retain its acoustic properties over time
- Resistant to moisture, mold and fungus
- QuietZone® Acoustic (Floor Mat Edge) has adhesive back for ease of installation

Standards, Code Compliance

QuietZone® Acoustic Floor Mat has been tested in accordance with ASTM E84 with resulting flame spread/ smoke developed indices of 0/70. Thermal barrier and structural requirements are met by using 1" of gypsum concrete or 2 layers of 3/8" exterior grade plywood.

Always check with your local building code official regarding local requirements affecting installation of all building components.

Applications

Commercial applications, such as hotel rooms, conference rooms and condominiums as well as residential applications like home theaters or laundry rooms are ideal areas for noise control treatment.

Technical Data

Property	Floor Mat	Floor Mat Edge
Material	Polyethylene foam with an anti-static agent	Polyethylene foam with an anti-static agent
Package Form	Roll	Roll
Length	35 ft.	35 ft.
Width	4 ft.	2 in.
Area	140 Sq. Ft.	5.83 Sq. Ft.
Thickness	3/8 in. (9.5mm)	3/8 in. (9.5mm)
Roll Diameter	14 in.	14 in.
Roll Weight	10.25 lbs.	.637lbs.

Design Considerations

For proper acoustic isolation, QuietZone® Acoustic Floor Mat must be laid on a clean, dry and level surface covering the entire floor area and 2" up the wall. Installation should be after the drywall has been applied. A gypsum concrete or two-layer plywood raft is installed to "float" on top of the floor mat and provide a rigid surface for finished flooring.

Installation

QuietZone® Acoustic Floor Mat is lightweight, easy to cut and install. Installed beneath 1½" or 1" gypsum concrete or a double layer of ¾" exterior-grade plywood and finished flooring, QuietZone® Acoustic Floor Mat covers the entire floor. Tape all seams for gypcrete raft and as needed for wood raft. Cut 2" strips to attach to walls with tape or use pre-cut QuietZone® Floor Mat Edge with adhesive to attach to walls.

QuietZone® Acoustic Floor Mat is to be placed between the subfloor and plywood or gypsum concrete overlayment to create an isolation layer for sound vibrations and impact noises such as foot traffic. The plywood or gypsum concrete overlayment, once installed, "floats" on top of the floor mat providing a rigid surface for the finished flooring. Refer to product packaging for complete installation instructions.

Warnings and Precautions

This product should not be exposed to open flames or other possible ignition sources. It may contain flammable vapors and should be stored in well ventilated areas. Further processing of the product may result in the localized release of flammable vapors. This product must be installed in such a way that it is separated from the building interior by a thermal barrier.

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives.

Notes

This product should be installed in accordance with applicable building codes. For more information please refer to the Safety Data Sheet, call 1-800-GET-PINK® or visit our web site at: www.owenscorning.com.

Disclaimer of Liability

Technical information contained herein is furnished without charge or obligation and is given and accepted at recipient's sole risk. Because conditions of use may vary and are beyond our control, Owens Corning makes no representation about, and is not responsible or liable for the accuracy or reliability of data associated with particular uses of any product described herein.



OWENS CORNING INSULATING SYSTEMS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO, USA 43659

1-800-GET-PINK®
www.owenscorning.com

Pub. No. 102322-F. Printed in U.S.A. August 2017.
THE PINK PANTHER™ & © 1964–2017 Metro-Goldwyn-Mayer Studios Inc.
All Rights Reserved. The color PINK is a registered trademark of Owens Corning.
© 2017 Owens Corning. All Rights Reserved.

