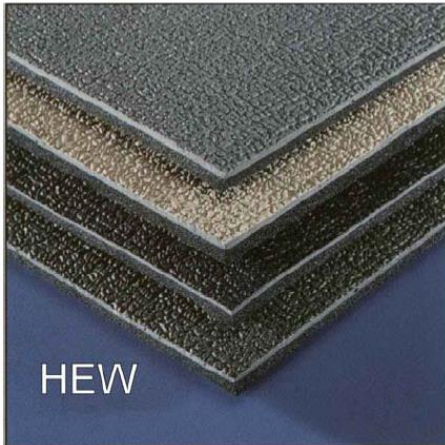


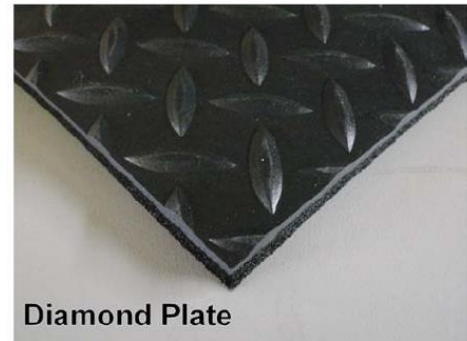
## Whispermat™ Floormat



Whispermat™ Floormat is similar in construction to Whispermat™ WM1. A single layer of open or closed cell foam, typically 1/4"(6mm or 1/2"(12mm) is combined with a barrier. On top of the barrier is a durable wear resistant surface which is applied without the aid of adhesives that fail under the extreme conditions that floormats are subjected to.

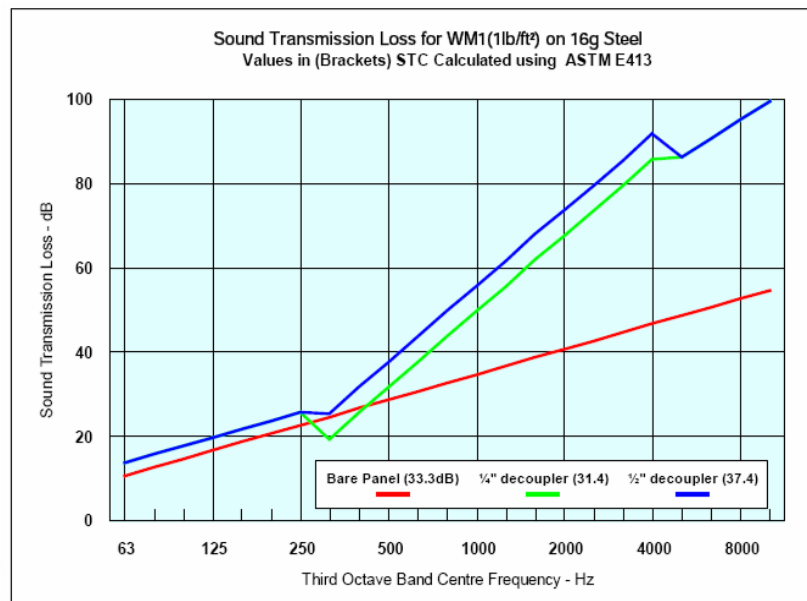
Style HEW has a deep twist grain wear surface to stand up to heavily traveled and with severe environments. Style PGW is a more economical floormat with a pebble grain embossed wear surface. Style

Diamond Plate is a durable surface that imitates the aluminum diamond plate pattern. Standard applications are trucks, busses, construction equipment, and agriculture machinery as well as runners and fatigue mats.



## Physical Properties

<b>Color</b>	<b>HEW</b> - Gray, Black, Tan, 383 Green <b>PGW</b> - Black <b>Diamond Plate</b> - Black
<b>Weight</b>	<b>From:</b> 0.5 lb/ft <sup>2</sup> (2.45kg/m <sup>2</sup> ) <b>To:</b> 2 lb/ft <sup>2</sup> (9.8kg/m <sup>2</sup> )
<b>Foam Type</b>	open cell, closed cell
<b>Heat Resistance</b>	-40°F(-40°C) to 250°F(121°C)
<b>Flammability</b>	exceeds MVSS 302



## BARRIER

Physical Property	Description - Value	Tolerance
Material	Flexible PVC vinyl (polyvinylchloride)	
Color	Charcoal Gray	
Weight	1.0 lb/sf	0.1 lb/sf
Flammability	MVSS-302	
Service Temperature	-40° F to 220° F	
Chemical Resistance	Excellent for most acids, mild alkalis, oils & grease	

## FOAM

Physical Property	Description - Value	Tolerance	Test Standard
Material	Nitrite/PVC		
Thickness			
Color	Black		
Density	5.25 lb/cf	+/- 1.75 lb/cf	
Flammability	MVSS302,UL94,V-04,HF-1		
Tensile Strength	45 psi	+/- 20 psi	ASTM D412
Elongation	150%	+50%	ASTM D412
Temperature	-20° F to 180° F		ASTM D1056
Compression	5.25 psi	+/- 1.75 psi	ASTM D1056
Water Absorption	5% Max		ASTM D1056
Ozone Resistance Rating	0 72hrs@ 100pphm - 104° F		ASTM D1171
Classifications	MIL-C-3133c,MIL-STD-670B,SCE-3,SBE-3		
Compression Set	40% Max		ASTM D1056

## FACING

Physical Property	Description - Value	Test Standard
Material	Deep Twist Grain Vinyl	
Thickness	0.029 to 0.035 inch thick	
Tensile	Min 120 x 103	CFFA-17
Trapezoid Tear	Min 25 x 25	CFFA-16C
Tack Tear	Min 67 x 59	CFFA-14
Cold Crack	Pass	0 °F Masland
Flammability	S/E	FMVSS-302
Grain Retention	No Change	5 min. @ 300° F
Weight oz/yd <sup>2</sup>	25.1 oz/yd <sup>2</sup> +/- 10%	CFFA-20
Width	56" min 58" max	
Adhesion	5.0 # min	CFFA-3
Seam Strength	72.9 x 63.4	CFFA-14

## ACOUSTICAL PROPERTIES

ASTM E90 and E413 on 1 lb/sf barrier only

Frequency	125	250	500	1000	2000	4000	STC
TL (dB)	17	19	24	29	34	40	28

## AVAILABLE SIZES

Roll	54" x 25'
Sheet	54" x As Specified

Table showing how the human ear perceives noise reduction.	
Decibel Reduction	Reduction Experienced by Ear
2	15%
4	23%
6	38%
8	48%
10	56%
12	63%
14	68%
16	75%
18	77%
20	81%

All our foam products do not drip upon ignition, cease to burn after removal of the source of ignition and produce a minimal amount of smoke.

**IMPORTANT:** When the foam is subjected to dirt, grease, moisture and chemical attack, it may require foam with a protective surface treatment such as our Metalized Mylar or Matte Film Finish foams above.

Most of our products meet all the requirements of UL-94, MVSS-302 and FAR 25.83b. Call or e-mail to request expanded specifications and technical data sheets.

Call us for a quotation for your specific needs and quantity.

Does this product solve your noise or vibration problem?  
We have many other solutions at our web site, or call us and let our experts help you.