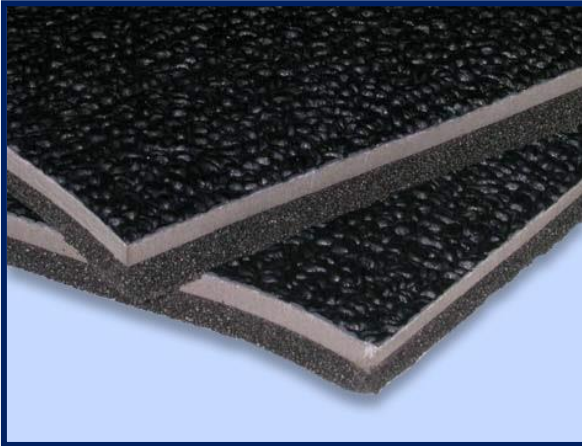


## Transit Floormat – HEWB-FR2#-LC Barrier-1/4CC



Transit Floormat – HEWB-FR2#-LC Barrier-1/4CC - is a tough fire retardant floormat with good acoustical properties. The wear surface has a twist grain pattern and is resistant to hard foot traffic.

The barrier is based on a proprietary loaded vinyl material with excellent fire retardant properties.

The decoupling foam layer is a closed cell vinyl nitrile material that is resistant to fluid absorption and provides superb cushioning under foot.

Transit Floormat has a sound transmission class rating of 32 on its own and will greatly enhance the sound transmission properties of the floor of a transit vehicle.

### Wear Surface

Thickness 40 mils (1mm)  
Color: Black Twist Grain  
Abrasion: Average weight loss after 1,000 cycles – 1.9%

### Barrier

Thickness 160mils (4mm)  
Color: Grey  
Type: Loaded Vinyl (Fire Retardant)  
Weight 2 #/ft<sup>2</sup> (9.8 kg/m<sup>2</sup>)

### Foam Decoupling Layer

Thickness ¼" (6.35mm)  
Type: Black Closed Cell Vinyl Nitrile  
Density: 3-5#/ft<sup>3</sup> (48 – 80 Kg/m<sup>3</sup>)  
Compression: 50% maximum set, 24Hr recovery  
Water Absorption 0.02%  
Thermal Conductivity: BTU-in/ft<sup>2</sup>h°F 0.27 (39mW/m<sup>2</sup>K) ASTM C 177  
Temperature Range- 10°F to 220°F (-23°C to 105°C)

### Composite Properties

Thickness 7/16" (11mm)  
Tear Strength 171psi (1.18MPa) ASTM D624C  
Separation 180° Wear Surface to Barrier 10.4 #/linear in (186Kg/m)  
Foam to Barrier 2.1 #/linear in (37.6Kg/m) –  
Foam Tear – no delamination

### Sound Transmission Class

STC 32

### Flammability

Test Method: ASTM E648-97 – Critical Radiant  
Flux of Floor Covering Systems using a Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372  
Average Critical Radiant Flux 0.66 watts/cm<sup>2</sup>  
Standard Deviation 0.02 Watts/cm<sup>2</sup>  
ASTM E662-95 1.5minutes  
Smoke Density Non flaming – 21  
Flaming – 76  
4 Minutes  
Non flaming – 137  
Flaming – 180