

### Advantages

- Tough and hardwearing.
- Excellent noise barrier.
- Chemical and solvent resistant.
- High resistance to weathering.
- Non slip surface.

### Applications

Wilhams WFM range of flooring materials provides a tough and durable noise barrier with excellent resistance to fuel and engine oil, making it ideal for floor matting in commercial vehicle applications. Also suitable for tractors, cranes and earthmovers or similar applications where a hardwearing acoustic noise barrier is required.

### Description

Wilhams WFM acoustic flooring material is a dense vinyl noise barrier with a hessian substrate for added strength, laminated to an acoustic spacing layer of polyethylene foam. The facing is embossed with a heavy Morocco pattern and is black in colour.

Wilhams WFM is available in 2 standard formats:

WFM-3075  
WFM-3077

### Physical Information

#### DIMENSIONS

Standard roll size: 3m x 1200mm  
Standard thickness: 9.2mm (nominal)  
Non standard roll sizes are available upon request.

### Technical Information

Wilhams WFM acoustic flooring material conforms to the following specifications:

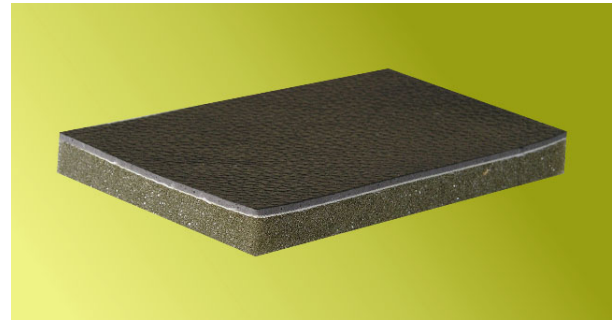
- Flammability – FMVSS 302 self extinguishing
- Operating temperature – -30 to +65°C

#### Noise barrier

- Surface weights – 5 kg/m<sup>2</sup> for WFM-3075  
7.5 kg/m<sup>2</sup> for WFM-3077
- Abrasion resistance Taber, H18 wheels, 1 kg – maximum weight loss 2gms (3000 cycles)

#### Acoustic spacer

- Type – Closed cell cross linked polyethylene foam
- Colour – Grey
- Density – 35 kg/m<sup>3</sup>
- Tear strength (ASTM 624 DIEB) – 600N / 25mm



### Acoustic Performance

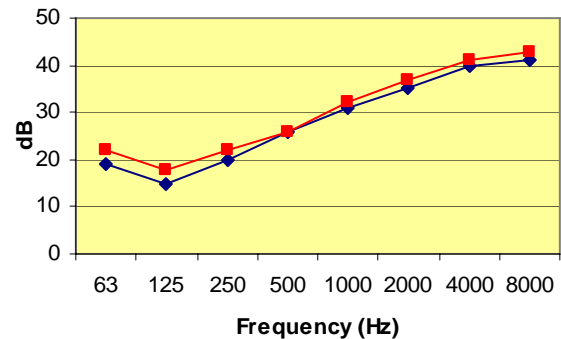
Wilhams WFM range of flooring materials are high performance materials that have been acoustically tested at a UKAS certified independent test laboratory.

Tested and Rated according to:

BS EN ISO 717-1:1997  
BS EN ISO 140-3:1995  
BS EN ISO 2750:Part3:1995

### Transmission Loss Data (tabulated and graphical)

Material \ Frequency	63	125	250	500	1k	2k	4k	8k
WFM-3075	19	15	20	26	31	35	40	41
WFM-3077	22	18	22	26	32	37	41	43



◆ WFM-3075 (Rw 30, SRI 27)  
■ WFM-3077 (Rw 31, SRI 28)

Acoustic performance at low frequency can be enhanced by using Wilhams WDS 10 (see data sheet 3/01) under the WFM floor mat.

### Installation Guidelines

Wilhams WFM is simple to install and we recommend the use of a solvent based acrylic pressure sensitive adhesive. Application is by brush or roller and provides coverage at approximately 5m<sup>2</sup> per litre. Wilhams product code A6435.

#### Wilhams Insulation Group

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