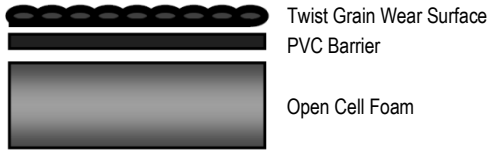


**DESCRIPTION**



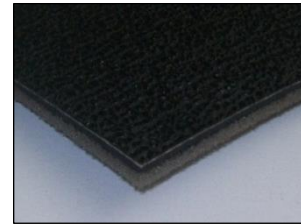
Consists of:

- 1 Twist grain vinyl wear surface
- 2 1.0 lb/ft<sup>2</sup> PVC barrier
- 3 ¼" polyurethane open cell foam

(Other foam thicknesses and barrier weights available contact Sales for more information)

**APPLICATIONS**

- Sound Stop Floor M1 has excellent wear characteristics, this composite is designed for application as a floor system in trucks or heavy equipment .
- Sound Stop Floor M1 has excellent mid to high frequency sound transmission loss properties as well as heat insulation and abrasion resistance.



**TYPICAL VALUES**

**1. Twist Grain Wear Surface T(1)**

Characteristic:	Typical Value:
Type:	Vinyl
Pattern:	Twist Grain
Backing:	Reinforced
Total Weight:	23.7 oz/yd <sup>2</sup>
Color:	Black, Mojave, 383 Green, Grey, Tan

**2. PVC Barrier**

Characteristic:	Typical Value:
Type:	PVC
Specific Gravity:	2.5
Flexibility:	Very Limp

**3. Ester Foam**

Characteristic:	Typical Value:
Type:	Polyester urethane
Density:	2.0 lb/ft <sup>3</sup>
Tensile:	15 psi (ASTM D3574 Die A)
Elongation:	170% (ASTM D3574 Die A)
Tear:	2.0 lb/in (ASTM D3574)
Thermal Conductivity:	0.27 BTU-in/hr-ft <sup>2</sup> °F
Flammability:	UL 94 HF1

**Composite**

Characteristic:	Typical Value:
Lamination of Layers:	
Peel Strength between Layers:	700 g/in (ASTM D 903 Mod) (Or material destruction)
Flammability:	FMVSS 302 – Pass

**TYPICAL TRANSMISSION LOSS VALUES (dB)**

DECOUPLER TYPE	Barrier Wt. (lb/ft <sup>2</sup> )	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
1/4" Open Cell Foam	1.0	15	20	27	47	64	77

SAE J-1400 on 16 Gauge Steel

In Canada: ISO 9001:2000, Responsible Care  
In USA: ISO 9001:2000, ISO/TS 16949, ISO 14001