

A QUIETER & MORE COMFORTABLE RIDE

A floating floor is designed to mitigate structural and airborne noises for a more comfortable, quiet and aesthetically pleasing passenger experience. A true floating floor must ensure that seat stanchions and any items that have to be secured to the structure are also isolated.

Acoustic engineers are presented with many challenges when considering a floating floor design. Vibration occurs in a frequency range from 0 – 500Hz with most of the noise coming from the track and wheels which occurs at lower frequencies of 16 – 80Hz.

The L3 Première is an open cell Silicone foam that has many advantages over conventional solutions:

- Ease of installations
- Passes BS6853 Cat 1a
- Superior performance over conventional EPDM solutions
- Longevity of life
- Will not degrade, take on a set or deteriorate with dynamic continuous load over the life of the vehicle.

L3 Première is available in thicknesses from 4mm to 25mm and is available in roll or sheet foam, adhesive can also be applied at manufacture for ease of installation. Mason Grogan can offer a design solution for floating floors, selecting the correct material, height, width and volume of foam for each application.



Never Underestimate Materials Intelligence.

FOR MORE INFORMATION ON OUR PRODUCTS, PLEASE CONTACT

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SPECIALIST MATERIALS FOR DESIGN ENGINEERS