



mason grogan
INDUSTRIAL

SPECIALIST MATERIALS FOR DESIGN ENGINEERS

Materials Intelligence® for Rail

New build • Final fit out • Refurbishment



✓ Innovative Materials

✓ Simple Sourcing

✓ Tailored Solutions

Mason Grogan supplies innovative technical material solutions to improve safety, longevity and whole-life costs of passenger and freight trains. Our partnerships with leading rail materials manufacturers, combined with our expertise and reliable service will simplify and optimise your sourcing, saving you valuable time and money.

Our products seal and protect, control heat and reduce noise and vibration. Our solutions also provide more durable and safer seating and flooring, improve resistance to graffiti and aid in graffiti removal.

Rely on Materials Intelligence® for safer, quieter and more comfortable journeys



Global Network

Extensive knowledge & network of global innovative materials manufacturers



Industry Knowledge

Detailed understanding of industry, manufacturing processes, specifications & standards and test methods



Product Knowledge











Detailed understanding of products, their performance and application



Converting

Extensive knowledge of converting methods & network of converters

Leading technology materials and composites for Rail

	Materials & Solutions	Applications
 Extrusions Custom or standard, EN45545-2 rated	<ul style="list-style-type: none"> • EPDMs • Fire retardant EPDMs • Silicones 	<ul style="list-style-type: none"> • Pinchwelds • Glazing seals • Partition seals • U channels • Door seals
 Gaskets Custom made, EN45545-2 rated	<ul style="list-style-type: none"> • Open cell silicones • Closed cell silicones • Urethane • EPDMs • Felt 	<ul style="list-style-type: none"> • Vibration damping • Enclosure seals • Water sealing • Display seals • Washers • Spacers
 Tapes Custom or standard width, EN45545-2 rated	<ul style="list-style-type: none"> • Silicones • EPDMs • Structural bonding (VHB) • Foil tapes • Felt • PTFE 	<ul style="list-style-type: none"> • Squeak reduction • Vibration mitigation • Mechanical bonding • Wire harnessing • Anti-friction
 Insulation	<ul style="list-style-type: none"> • Polyester non-wovens • Hydrophobic non-wovens • Melamine • Polyethylenes • Thermoplastics • Closed cell elastomers 	<ul style="list-style-type: none"> • Wall and floor insulation • HVAC insulation • Thermal management • Noise reduction (internal and external)
 Flooring With integrated safety features	<ul style="list-style-type: none"> • Composite flooring • Composite sub-floor • Specialist adhesives • Seam sealants 	<ul style="list-style-type: none"> • Locomotives • Urban and Regional Cabs • Trams • Light Rail
 Seating	<ul style="list-style-type: none"> • No Flame Cushions • Driver's seats • Crew seats • Inspector's seats • Suspension system • E-Leather • Flat cloth • Moquette 	<ul style="list-style-type: none"> • Light Rail • Trams • Locomotives • Urban and Regional Cabs
 Hoses	<ul style="list-style-type: none"> • Silicones • Thermoplastic reinforced • Reinforced foams 	<ul style="list-style-type: none"> • Silicone elbows • Silencers • Composite ducting • Flexible ducting • Bellows • Mufflers
 Plastics	<ul style="list-style-type: none"> • Nylon 66 	<ul style="list-style-type: none"> • Spacers • Custom made components
 Cords	<ul style="list-style-type: none"> • Silicones • EPDMs • Viton • Nitrile 	<ul style="list-style-type: none"> • Gap fillers
 Fire barriers	<ul style="list-style-type: none"> • Fire blockers (non-wovens and silicones) • Intumescent seals (fire pillows and intumescent fire seal strips) 	<ul style="list-style-type: none"> • Fire containment and barriers for walls and doors

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