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**we care about plastics**

# Lightweight, Safe and Durable – Tailor-Made Polymer Sheets for the Railway Industry

For more than 60 years, epsotech has been developing customised plastic solutions for a wide range of segments and markets including automotive, bus, rail, aerospace, marine and medical.

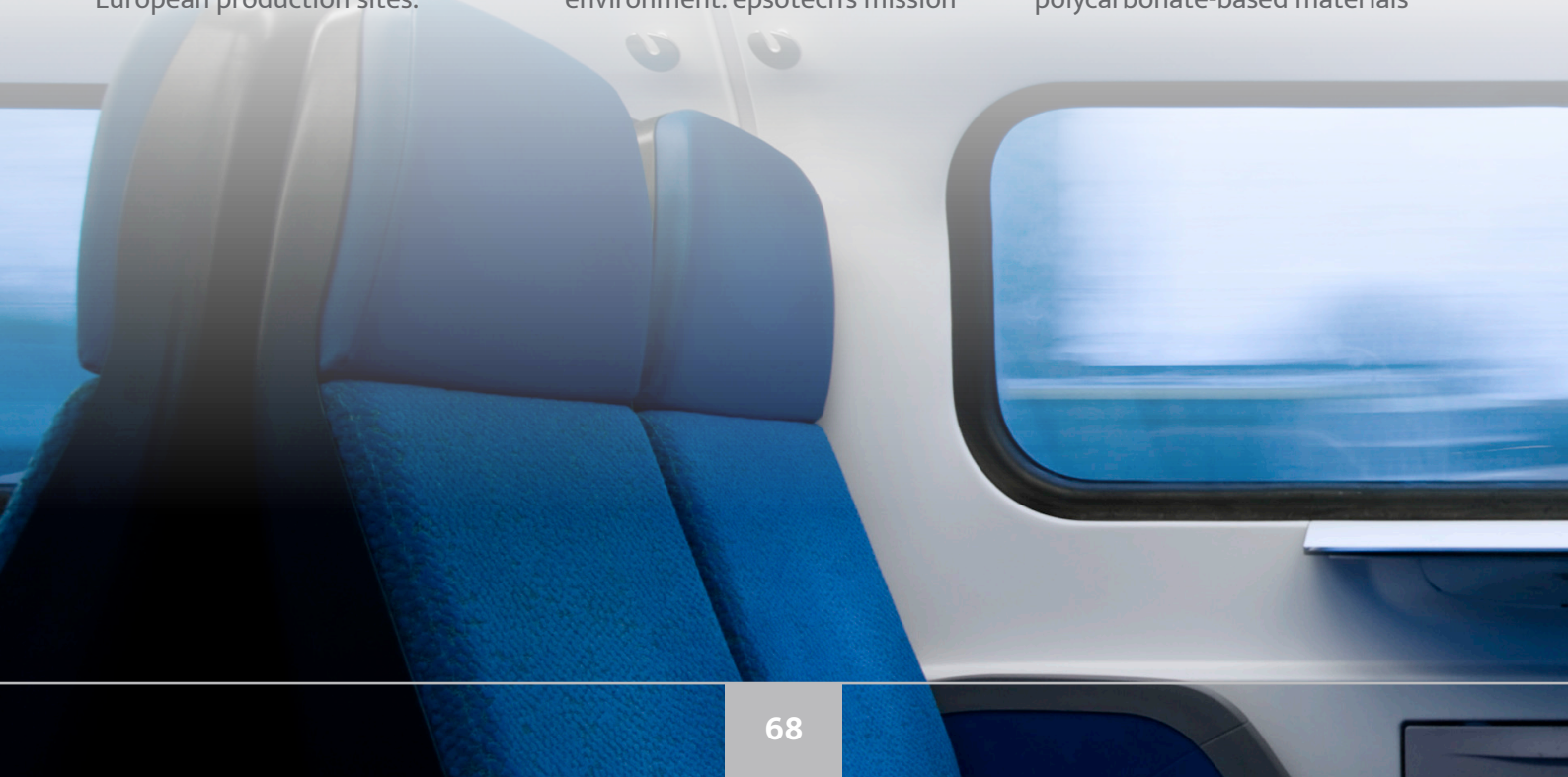
Each year, the group supplies more than 2,500 customers worldwide, combining the strengths of six European production sites.

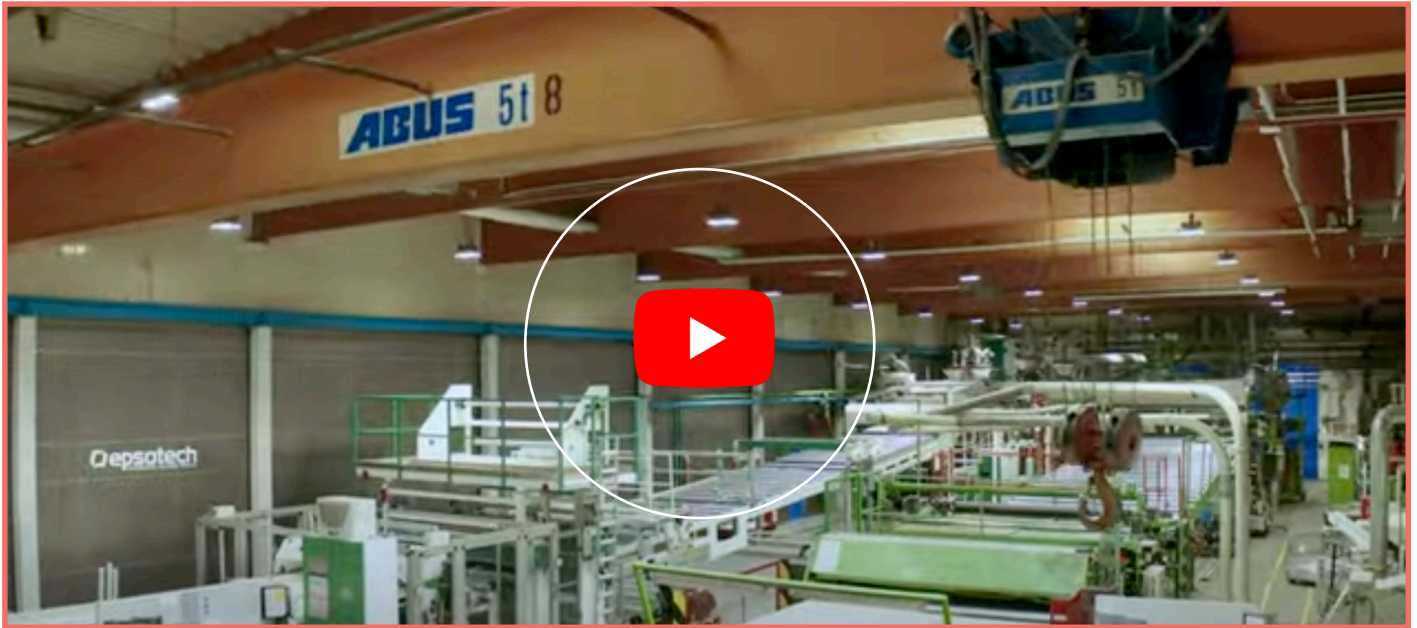
With epsotech’s thermoplastic sheet solutions, the group offers its customers a significant advantage in terms of weight savings and thus actively supports CO2 reduction. In general, plastic sheets help conserve resources thanks to their long lives and multifaceted uses. epsotech is strictly committed to the reduction of plastic waste and the ideal of the circular economy.

With a high recycling rate, the group actively contributes to a more economical and sustainable environment. epsotech’s mission

is to develop innovative products that help its customers reach their environmental goals. One of our overall targets is to generally substitute non-recyclable solutions in the market.

For rail vehicles the group develops and produces high-quality plastic solutions in strict compliance with the relevant standards and requirements. Here, epsotech offers a range of products for modern passenger coaches made of polypropylene as well as polycarbonate-based materials





with a significant cost advantage compared to conventional materials and processes.

The polypropylene-based material solutions are available as extruded sheets or an injection moulding compound. These products are halogen-free and also have exceptionally low heat release, smoke density and toxicity properties. Plus, they offer excellent chemical resistance, making them the perfect choice in seat and table tray applications where parts need

very frequent cleaning. Sheets are compliant to EN 45545-2 R6 HL3 and compound for injection moulding up to R6 HL2, or to R21 HL3 on request.

epsotech also offers a halogen-free polycarbonate-based material solution, with excellent impact properties, available in a range of colours and textures. Suitable for wall, window frame and ceiling applications, this product has been certified according to EN 45545-2 R1 HL2.

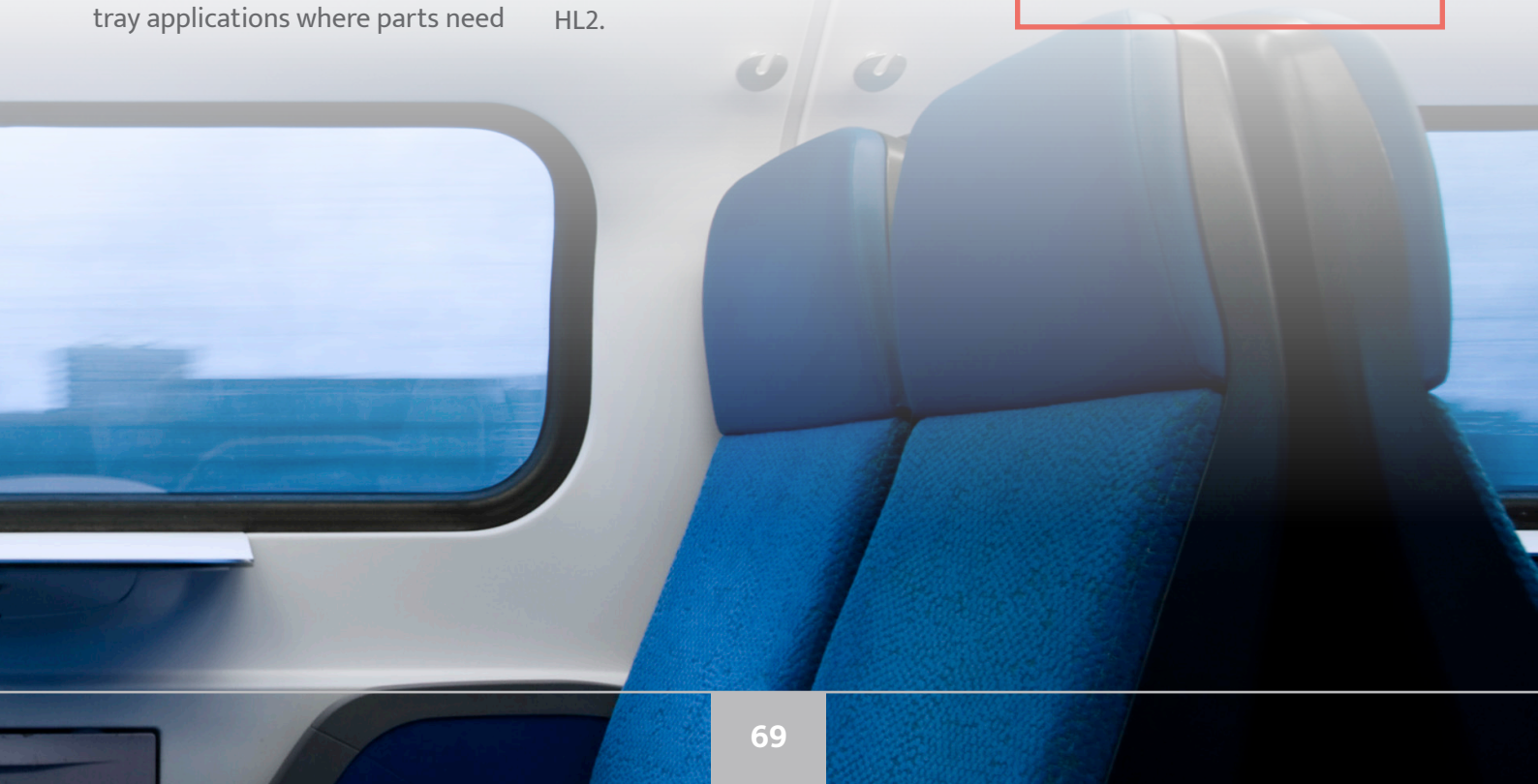
epsotech's thermoplastic material solutions help to make your everyday life even safer!

Visit epsotech at InnoTrans: **Hall 3.1, Stand 200!**

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# Made for safe journeys

## Railway



**EXCELLENT IMPACT RESISTANCE · HIGH CFE VALUE · COMPLIANCE WITH EU STANDARDS**

**Lightweight, safe and durable: tailor-made polymer sheets for the railway industry.**

Our sheets are EN 45545-2 R6 HL3 certified for seat and table applications and EN 45545-2 R1 HL2 certified for wall, window frame and ceiling applications. Compound is compliant to EN 45545-2 R6 HL2 or R21 HL3 on request.

**Contact us** for a technical consultation to compare thermoforming with other processes.

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HALOGEN FREE



HIGH STRENGTH TO WEIGHT RATIO



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COMPLIANT TO A RANGE OF EU LEGACY STANDARDS



RECYCLABLE AND CLEAN

