



**CADILLAC**  
PLASTIC LIMITED

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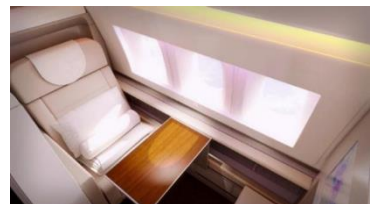


## Specialist Products for the Aircraft Interior and Mass Transit Industries

Over the last twelve months, due to the availability of some of the most advanced, specialist products on the market, Cadillac Plastic has further grown its business within the Aircraft interior and mass-transit industries.

New products can provide many of the benefits organisations require in meeting the latest stringent regulations. These requirements include higher resistance to impact and chemicals, improved heat performance, enhanced flame retardant properties, improved smoke and toxicity properties, lower cabin noise and overall performance, all whilst providing greater design freedom and weight reduction, at a competitive price.

One recent success for Cadillac is Lexan F2104; an extruded flame-retardant polycarbonate sheet material, complying with the Federal Aviation Regulations 25.853 (a),1,(i) and (a),1,(ii) (formerly A&B) for vertical burn. This is a material which is proving to be key within specialist industries such as aviation and Cadillac engaged on a project to supply Lexan F2104 sheet for a UK client that manufactures aircraft cabin interiors. An unusually thick material for Cadillac to handle at 9.5mm, Lexan F2104 was bespoke to the client in terms of size and the colour - purple!



Lexan F2104 is manufactured by SABIC, one of the world's largest petrochemicals manufacturers, which has been an important part of the Aircraft interior industry since its formation. The Lexan range also includes clear grades used in specialist graphics applications such as mass-transit décor and aerospace signage, Opaque grades used as electrical insulators and barriers, and variants with high fold tolerance for use in folded insulators.

Cadillac Plastic is the leading UK distributor for specialist SABIC products. You can view further product details and information about our capabilities in catering for individual sheeting and slitting requirements, bespoke product solutions, as well as die cutting, laminating and perforating at [www.cadillacplastic.co.uk](http://www.cadillacplastic.co.uk).

Additional specialist products meeting the needs for light weight, aesthetics and compliance for the Aircraft interior and mass-transit industries include;

- **Cadco Jet-Mirror™** - a mirrored polycarbonate sheet material specifically designed for aircraft interiors. Virtually unbreakable and only one third the weight of tempered glass mirror, Jet-Mirror™ meets FAR25.853(a) and is approved by major aircraft manufacturers. Made from LEXAN™ polycarbonate, Jet Mirror™ sheet is an excellent, cost-effective choice for selective surfaces and is far superior to tempered glass and polished metal.



- **Lexan FR60 and FR65** flame retardant clear thin gauge polycarbonate films have UL94 V-0 listings to meet stringent requirements in a wide range of electrical, electronic and transportation applications.
- **Boltaron™ Acrylic/PVC** alloys and proprietary sheet materials have been developed specifically for aircraft seating and interior panels. They meet the FAA requirements for low heat release and smoke generation.
- **Adhesive tapes** such as 3M™ Adhesive Transfer Tape 9372w and Nitto D9600, D9500 and 5011N are formulated to provide a permanent bond between substrates in environments requiring regulatory compliance with flame retardant standards such as Federal Aviation Regulation 25.853.

If you would like further information about specialist products for the Aircraft interior and mass-transit industries and our capabilities in providing bespoke, product solutions, or to place an order, please contact a member of our sales team on 01793 648500, or email [info@cadcouk.com](mailto:info@cadcouk.com).

For more details on our product range, visit our website at <https://www.cadillacplastic.co.uk/products/speciality-products>

We hope to hear from you soon!  
The Cadillac Plastic Team

Call us on 01793 648500  
Email us at [info@cadcouk.com](mailto:info@cadcouk.com)  
Visit our website [www.cadillacplastic.co.uk](http://www.cadillacplastic.co.uk)

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