

Trend Setting Aircraft Interior Materials

ZOTEK® F



ZOTEFOAMS

ZOTEK® F

Lighter on the inside

ZOTEK® F pushes the boundaries in lightweight aircraft interiors. This PVDF foam offers weight and cost advantages over traditional aviation interior materials including silicone, PU, composites and even some metal components.

ZOTEK® F's properties are the perfect fit for aviation interior applications.

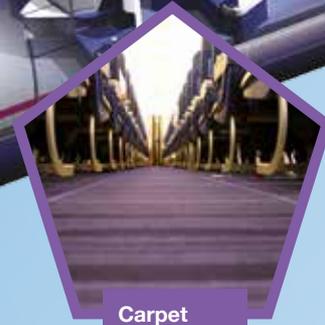
Firstly, ZOTEK® F has excellent Fire Smoke and Toxicity (FST) properties. Its closed cell structure offers vibration dampening, thermal and noise insulation and an excellent barrier to moisture. It is durable, UV resistant, thermally stable and it has good chemical resistance.

Factor in ZOTEK® F's processing versatility and the industry wide adoption of this lightweight foam comes as no surprise.

Applications include environmental control system solutions, window seals, soft touch trim, carpet underlay, close outs and insulation. The rigid grades of ZOTEK® F offer potential as a semi structural foam core.



Business Class Seating



Carpet Underlay

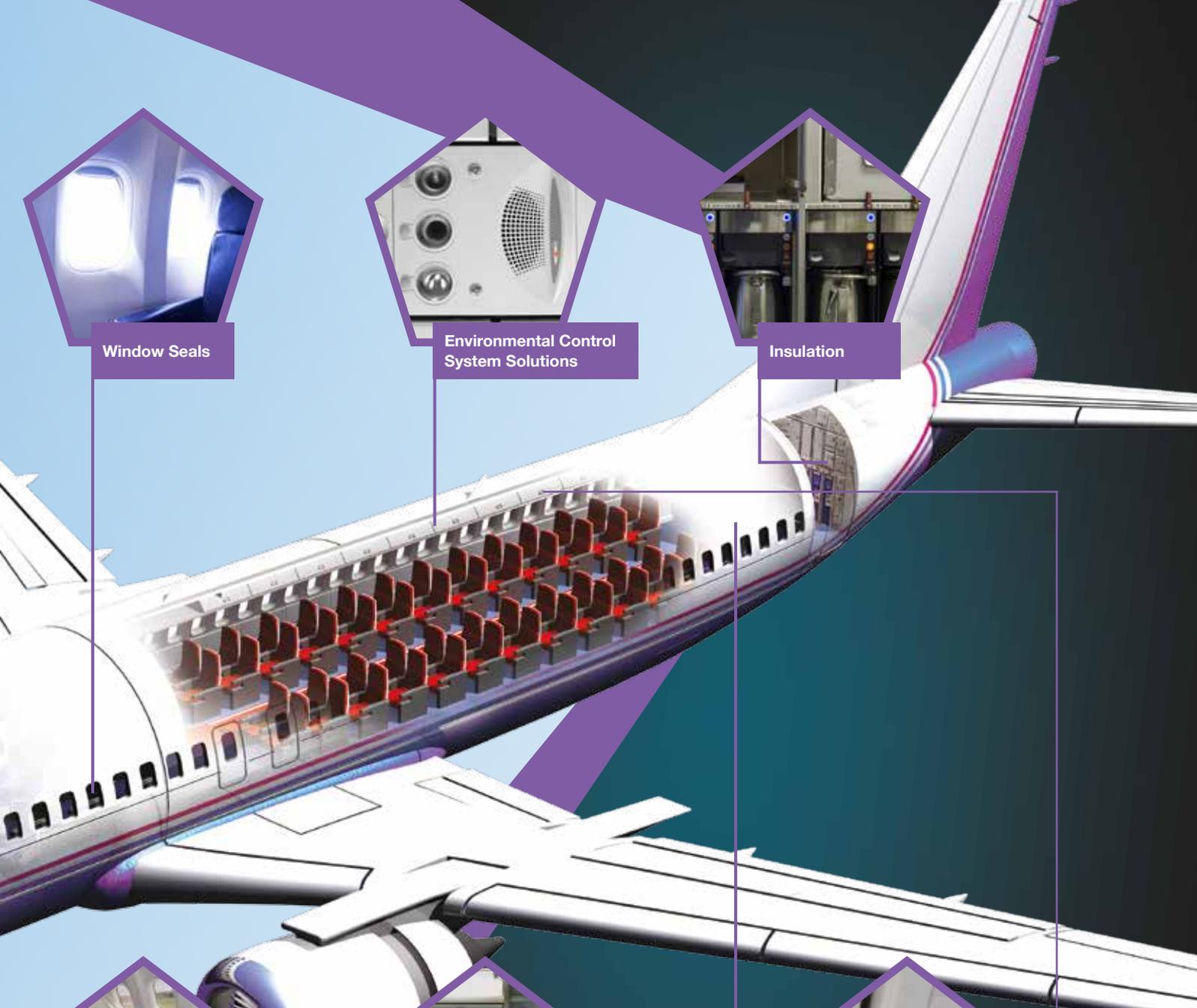
ZOTEK® Flammability Credentials

Heat Release	FAR/CS 25.853 (d) App F Pt IV
Smoke Density	FAR/CS 25.853 (d) App F Pt V
Smoke Density	ABD0031 para.7.3.2
Toxic Gas Emission	ABD0031 para.7.4
Vertical Bunsen Burner	FAR/CS 25.853 (a) App F Pt I (a), (1), (ii)
Radiant Heat Panel	FAR 25.856 (a) App F Pt VI

ZOTEK® F

Flammability Performance

meets stringent aviation interior flammability requirements. ZOTEK® F also meets BMS 8-371D & AIMS04-14-009. Its OSU grades meet FAR 25.853(d) and exhibit exceptionally low heat release.



Window Seals



Environmental Control System Solutions



Insulation



Soft Touch Trim



Composite Panels



Close Outs



ZOTEK® F

The ZOTEK® Aviation Interior
Design Premium



BUOYANT



LIGHTWEIGHT



COLD RESISTANT



IMPACT
RESISTANT



CONSISTENT CELL
SIZE & STRUCTURE



DURABLE



HEAT RESISTANT



LOW ODOUR & VOC'S



RESISTANT TO
SOME CHEMICALS



THERMAL
INSULATION



BARRIER TO
MOISTURE



MOULD
RESISTANT



UV RESISTANT



FLAME
RETARDANT



AVIATION REGULATORY
APPROVALS



AVIATION
OEM APPROVALS



RESISTANT TO
AGING



ZOTEFOAMS

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The ZOTEK® Process Premium

- ◆ Thermo-formable
- ◆ Vacuum Formable
- ◆ Splitable
- ◆ High Quality Surface Finish
- ◆ Stitchable
- ◆ Laser Cutting
- ◆ Heat Stable
- ◆ Thermal Bonding
- ◆ Water Jet Cutting
- ◆ Robust Edges
- ◆ Ductile
- ◆ Reduced Resin Uptake
- ◆ Reduced Adhesive Uptake