

3M Science.
Applied to Life.™

Maximize productivity without compromise.

Introducing 3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST

With thousands of new aircraft expected to be produced in the next decade and an expected surge in demand for interior retrofits, interior components must be produced at high rates while reducing cost and time, without compromising performance.

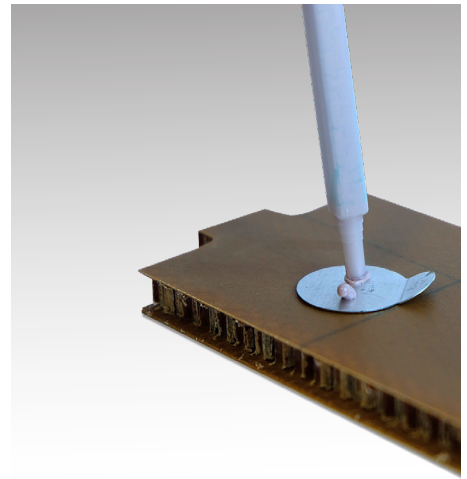
3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST delivers high strength, a quick cure profile, and uncompromising FST performance ideal for bonding and fabrication of cabin interior parts.

3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST

Easy to use and fast curing, 3M Scotch-Weld Structural Adhesive EC-9356 B/A FST is a high strength two-part epoxy adhesive designed for bonding typical aircraft interior materials, including: metal, thermoplastics (PEI and PEEK), thermosets and composites. Formulated without halogens and antimony, EC-9356 B/A FST meets the latest flammability, smoke density, and toxic gas emission requirements as listed in FAR/JAR25.853 and ABD0031.

The fast cure profile allows handling strength to be achieved within 2 hours; improving efficiency of production lines.

- High strength
- Bonds interior materials quickly and securely
- Fast flow and gel time ideal for insert bonding, ditch and pot, cut and fold, and mortise and tenon joints
- Non-sag consistency
- Easy to use 2:1 mix ratio
- Room temperature storage



2:1
Mix ratio
by volume



**25 MPa
(3600 PSI)**
Overlap shear strength
at room temperature



Meets the latest
FST requirements
according to FAR/JAR
25.853 and ABD0031



2 Hours time to
handling strength
(2Mpa) at room
temperature

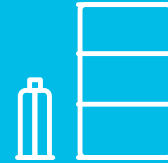


**105 N/25 mm
(23 PIW)**
Floating Roller
Peel Strength

- **Thixotropic, non-sag**
- **Low exotherm**

20 min.
Work life at room
temperature

1.4 g/cm³
Mixed density



Available in
50ml and
200ml duo-pak
cartridges and
bulk options.

Specification Information

3M™ Scotch-Weld™ Structural Adhesive EC-9356 B/A FST has been qualified at Airbus according to the following specifications and can now be used for the following typical applications:

- IPS10-04-002-11 - Two-part epoxy based reaction adhesive, room temperature curing (temperature range from -55°C to 85°C)
- IPS10-04-003-09 - Two-part epoxy based reaction adhesive, room temperature curing, for bonding of Polyetherimide (PEI)
- IPS10-04-041-04 - Two-Component Epoxy Based Reaction Adhesive, Room Temperature Curing, Temperature Range from -55 °C to 90 °C, Flame-Retardant

Contact Us

To learn about this product or other 3M™ Structural Bonding Tapes, contact 3M Application Engineering. The team is ready to help you evaluate your needs and implement the most efficient system into your process.

Authorization to Use: Ensure products meet all applicable specifications, standards, and maintenance manual requirements for the platform being worked on and validate all aircraft approvals against current technical documentation.

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