The Elastomeric Solutions Experts

Presentation

SMAC is an expert in the acoustic comfort improvement in aircraft interiors, watertightness solutions and shock & vibration reduction.

Material Expertise

- **Static, dynamic & viscoelastic** properties knowledge
- Physical ageing, oil resistance, chemical agents resistance, adhesive properties (ISO standard)
- Physico-chemical analysis (DMTA, DSC, TGA, TFIR, NMR, etc.)
- **Our damping elastomer families:**
  - SMACTANE®, SMACSIL®, SMACSTIC®

Acoustic Comfort Improvement

Our products strongly damp shock & vibration:
- By bonding our products directly on the structure
- By viscoelastic elastomers embedded in composite panels

Watertightness Solutions

- French leader for helicopters bellows & seals
- Aerospace Qualified compounds
- More than 200 proprietary compounds

Simulations & Tests

- Mechanical tests (traction, shear, etc.)
- Environmental tests (oil compatibility, etc.)
- Climatical tests (temperature, UV, salt/fog, etc.)
- Static & Dynamic tests (shock, vibration, etc.)
- Acoustic performances determination

Our references

AIRBUS • ALENIA • ANTONOV • BOEING • C&D ZODIAC • DASSAULT
EADS CASA • EUROCOPTER • EMBRAER • LATECOERE etc.

SMAC is ISO 9001:2000, AQAP 2110 & EN9100 certified.