

ADHESIVE SOLUTIONS

FOR THE
**PANEL
INDUSTRY**



High shock resistance

**Room temperature
& hot cure processes**

Manual or machine application

Customized developments

Solvent free



Axson
TECHNOLOGIES

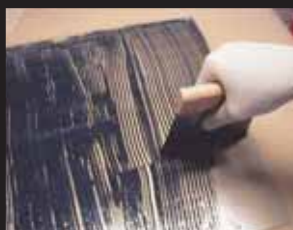
ADEKIT ADHESIVES ASSEMBLY

Resistance **AND** lightness

The ADEKIT AXSON TECHNOLOGIES adhesives fit your needs for the manufacturing & the bonding of panels, approved by numerous industries: rail, automotive, aircraft, land transportation, etc.

AXSON ADEKIT : a wide range of high quality & high performance adhesives

- Combination of flexibility & high performance
- Wide range of open times suitable the size of your parts
- Wide range of viscosities according your application: vertical, thin layers, injection, spraying, etc.
- Shock resistance: vibration absorption
- High peel resistance
- Natural aesthetic finish or can be painted, coated or varnished
- Solvent free
- Easy to use



AXSON ADEKIT recommended adhesives:

Manufacturing

Honeycomb panels & sandwich panels: foam, wood, aluminium, composite & metallic sheets.



Honeycomb panels bonding	High performance epoxy adhesive. High peel resistance.	ADEKIT H 9951	Honeycombs panels for transportation: train doors (TGV), baggage compartment doors and interior structures: tables, etc. Structures for crash tests, shelters...
	High strength & high peel resistance epoxy adhesive. Thixotropic: perfect for hot cure processes (stable viscosity at high temperatures).	ADEKIT H 9951 T	Bonding of honeycomb matrix onto metal skin. Panels for transportation: trains, special vehicles, caravans, campers...
Sandwich panels bonding	Flexible polyurethane adhesive with long handling time. High elongation at break.	ADEKIT A 210	Bonding of reinforcement steel or aluminium. Ideal for large surfaces.
	P 4202 & P 4203 systems offer a wide range of viscosities (6 grades available) to comply with all dispensing and applying technologies: spatula, combs, spraying for manual or automatic processes. Cured products offer outstanding peel performances and comply with hardest ageing cycles.	SYSTÈME P 4202 SYSTÈME P 4203	Ideals large sandwich panels. Bonds most sandwich panel materials: phenolic or thermoplastic honeycombs, polystyrene, PU foams. Suitable for the manufacturing of economical honeycomb panels.

AIRCRAFT MARINE RAILS SHELTERS CONTAINERS INSU

FOR CUSTOMIZED PANELS



Bonding

After manufacturing, panels are bonded onto various load-bearing elements and above all, onto metallic superstructures. AXSON provides a wide range of solutions for high-performance and lasting bonding, no matter your application field:

- Body structure bonding
- Bonding onto superstructures
- Bonding of panels/panels together
- Panel sealing



Unfilled epoxy adhesive. Suitable for a large variety of materials: metal, glass, ceramics, composites, wood...	ADEKIT A 145	Maintenance or repair applications. Large surface bonding.
Epoxy adhesive, long open time. No sagging. High mechanical resistance within a large temperature range.	ADEKIT A 175	Ideal for heavy duty applications & for large surfaces subject to impact or vibration. Shock resistant.
Polyurethane adhesive, gap filling up to 10 mm. Long open time. High strength & high peel resistance combined with flexibility. Excellent dynamic stress characteristics.	ADEKIT A 200	Bonding of bodywork, of metallic structures and composite materials. Perfect for bonding onto structures subject to dynamic distortions.
Flexible polyurethane adhesive. High elongation at break.	ADEKIT A 252	Designed to bond assemblies which require flexibility. Bonding of parts with high Coefficient of Thermal Expansion (CTE), sealing & waterproofing.
Multi purpose polyurethane adhesive with intermediate handling time. Excellent chemical resistance. No sagging.	ADEKIT A 220	Viscosities adapted to work with spatula or machine. Ideal for large vertical surfaces, gap filling & heavy duty applications subject to impact or vibration.
Rapid & polyvalent polyurethane adhesive. Tough & shock resistant. Short handling time.	ADEKIT A 280	High performance to bond small parts under high load.

Fitting

Panel bonding onto structures, bonding of bordering units or edgings, omega reinforcement parts bonding, inserts bonding & densification.

Perfect
 Possible



		Bordering elements bonding or bordering	Omega reinforcement parts bonding	Insert bonding	Densification
ADEKIT A 140	High performance epoxy adhesive. Excellent tenacity in high temperature & aggressive environments. High resistance to impact & vibrations. Ideal for vertical surfaces & demanding applications. Sealing & bordering of honeycomb panels.				N/A
ADEKIT A 175	High performance epoxy adhesive with long open time. Shock resistant. Ideal for heavy duty applications & for large surfaces subject to impact or vibration.				N/A
ADEKIT A 200/ A 220	Long open times. Excellent chemical resistance. Polyurethane adhesive ideal for large vertical surfaces, gap filling & heavy duty applications subject to impact or vibration. Excellent combination of long handling time to cure speed.				
ADEKIT A 290	Ultra rapid, 10 min cure, polyvalent polyurethane adhesive. Strong & shock resistant. Easy to use.		N/A		N/A
COREFILLER CF 230/234 CF 230/238	Bi-components epoxy pastes, quick setting & self extinguishing (FAR 25.853). Honeycomb panel edging & local densification for insert bonding.	N/A	N/A	N/A	

INSULATION SUPERSTRUCTURES TRUCKS SPECIAL VEHICLES

ONE APPLICATION: ONE SOLUTION



Analysis, Diagnostic, Resolution

Our comprehensive ADEKIT range is designed to satisfy the specific requirements for your application. With recognized expertise in R & D, we offer custom-designed solutions.



Excellent technical support services

Our network of technical staff can give on-site demonstrations, providing expert advice to find the best solution to a range of technical challenges.

This expertise is backed by strong technical support, excellent levels of customer service and the ability to match great ideas with achievable outcomes.

- On-site, expert advice for application & technical assistance
- Local availability through our global network
- Personalized service for optimum solutions

Numerous possibilities

- Slow or fast hardening, room temperature or hot cure.
- A wide range of viscosities suitable for any processing: notched spatula, bead applicators, rollers or by spraying.
- Axson Technologies adhesives are specific to the sandwich & honeycomb panel bonding.



6 PRODUCTION SITES

China
France
Japan
Mexico
Slovakia
USA

12 COMPANIES

China
France
Germany
India
Italy
Japan
Mexico
Spain
Slovakia
U. A. E.
UK
USA



D00082 - 01/2009 - AXSON reserves the right to modify product specifications, in the interests of its customers, without prior notification. Photographs : Axson, Euro-Sheller, Fotolia

ADHESIVES

See our new website axson.com : TDS, downloads...

Our technicians and engineers are available to answer your specific needs. Contact: adhesive@axson.com

ISSUED BY :



ISO 9001



ISO 14001

