

Pliogrip™ structural adhesives

Two-part epoxy technology

Pliogrip™ epoxy adhesives are the technology of choice to solve the challenges of high heat resistance or adhesion to bare metal.

Ashland's epoxy adhesives are engineered to meet specific high-heat and design requirements for the structural assembly of composite or metal substrates. The unique adhesive technology can provide durable bonds on composite and metal lift gates, tailgates, hoods, body panels and other automotive and industrial parts.

These adhesives are two-part, 100% solids, reactive epoxy chemistries with excellent chemical and moisture resistance when cured. Our epoxy adhesives exhibit high modulus strength, excellent fatigue performance and superior impact strength. All of these products improve manufacturing and project efficiency and shorten cycle times.



Processing

- Comfortable open times with rapid heat-cure response
- Wide ratio tolerance
- High sag resistance
- Ambient heat-activated cure types available
- Available in drums, pails and cartridges

Key Features

- Withstands automotive e-coat, powder prime and paint oven temperatures
- Long-term durability at temperatures up to 200°C
- Modified toughened technology to minimize surface distortion effects
- Superior chemical resistance
- OEM approved

Quality

- No settlement of the single components
- Ready-to-use quality
- Long shelf life guarantee

Environment, Health and Safety

- No volatiles: 100% reactive systems
- No cadmium, mercury, lead, chromium, nickel or chlorine
- No chlorinated compounds

Ashland technical support

- Technical service and support in process definition and optimization
- Support in setting up work instructions and application procedures at the workplace
- Expertise in other adhesive technologies as epoxys, phenolics, pressure sensitive, wood bonding or roofing adhesives

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