GLASSPLEXIN®

THE SCIENCE OF REAL GLASS PROTECTION

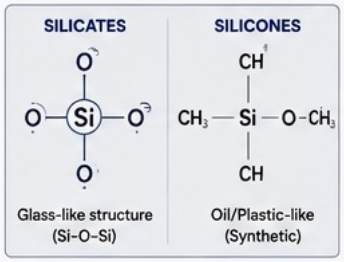
Negatively Charged Silicate Ionic Technology that Becomes Part of Your Paint

THE SCIENCE BEHIND GLASSPLEXIN

1 SILICATES vs. SILICONES

Glassplexin contains **ZERO** silicones, waxes, polymers, or acrylics.

It is a negatively charged silicate ionic compound—salt-based and glass-like, not plastic or oil.

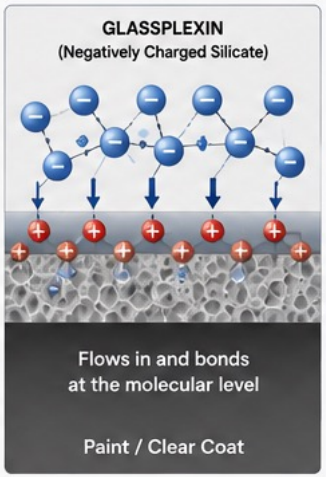


Glass-like structure (Si–O–Si) | Oil/Plastic-like (Synthetic)

Silicates bond like glass.
Silicones sit on top and wash away.

2 IONIC REDOX COVALENT BONDING

1. **The Paint Charge:** As paint/clear coat cures and ages, oxygen in the air causes a Redox reaction, leaving the surface positively charged.
2. **The Glassplexin Bond:** Negatively charged silicate ions are attracted to the positive surface and share valence electrons—forming a permanent covalent bond.
3. **Integration:** The molecules flow into the microscopic pores and valleys of the paint, curing within the paint structure to create a "super paint" hybrid.



3 EXTREME HEAT RESISTANCE

Contains no plastics, resins, or natural waxes.

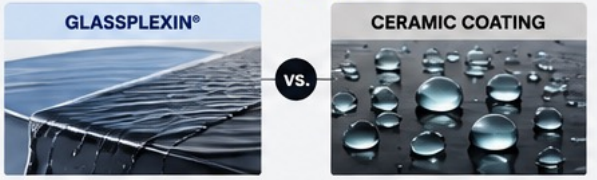
Extremely stable silicate structure withstands extreme temperatures without cracking, peeling, or melting.

Motorcycle Exhaust Pipes | Aircraft Skin Panels

Tested & Approved for Boeing PPG Aircraft Paint

KEY DIFFERENTIATORS vs. CERAMIC COATINGS

WATER SHEETING vs. BEADING



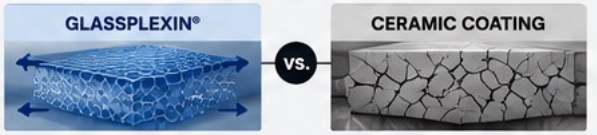
Sheets off in large, flat panels.

- ✓ Reduces mineral spots
- ✓ Dirt & grime rinse away easily

Forms tight beads. Droplets bake & spot.

- × Mineral spots from beading
- ✓ Dirt sticks between beads

FLEXIBILITY & EXPANSION



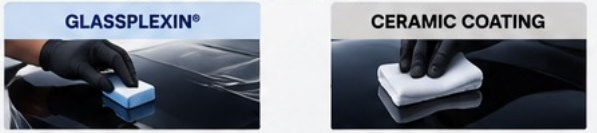
Remains flexible. Expands & contracts with panels.

- ✓ Won't crack or fracture
- ✓ Long-term durability

Dries brittle & glass-hard. Cannot move with expansion.

- × Microscopic fractures over time

APPLICATION & PAINT PREP



Applies like a liquid polish. Fills micro-scratches & oxidation. Restores depth & clarity.

- ✓ Forgiving application
- ✓ Works on real-world paint

Requires perfectly corrected, flawless, sterile paint. Highlights every defect.

- × Demanding prep
- × Less forgiving

WHY GLASSPLEXIN IS SUPERIOR

REAL CHEMICAL BOND
Ionic redox covalent bonding integrates with the paint, not just layers on top.

EXTREME DURABILITY
Withstands -250°F to 650°F. Ideal for harsh environments, engines, exhaust, and aircraft.

SUPERIOR WATER MANAGEMENT
Sheets water cleanly off the surface—far fewer mineral spots.

FLEXIBLE PROTECTION
Moves with your car. No brittle cracking, chipping, or peeling.

DEEP GLOSS & CLARITY
Refractive silicate structure delivers a wet, deep, mirror-like finish.

LONG-LASTING PROTECTION
Permanent bond provides years of protection with proper care.

Glassplexin is not a coating that sits on your paint—it becomes part of it.
Real glass science. Real chemical bonding. Real-world performance.

THE BOTTOM LINE

Glassplexin uses advanced silicate ionic chemistry—not silicones or polymers—to create a permanent, flexible, heat-resistant, glass-like bond with your paint.
That's why it outperforms ceramic coatings in the real world.