ADHESIVES

Quick Cure® 5 & 15

Product Description:
Quick Cure® is the standard quick setting “line minute epoxy” system. Mix at a 1:1 by volume ratio. Quick Cure® is Ideal for small scale jobs, requiring a strong bond and rapid cure. Quick Cure® is highly water resistant but not waterproof. Quick Cure® is quite thin, which is easily measured by squeezing equal sized drops from the convenient application bottle. Now available with a 15 minute cure time, when a little longer working time is needed.

Physical Properties:

| Mix Ratio by Volume | 100:100 |
| Mix Ratio by Weight | 100:100 |
| Total Solids | 100% |
| Mixed Viscosity | 9,500 cps |
| Tenax® Lap-Shear Strength (Aluminum/Aluminum, psi) | 100 |
| Heat Deflection Temperature | 420°F (216°C) |
| Gel Time @ 25°C (77°F) | 2 - 3 Minutes (30g mixture) |
| Quick Cure 15... | 10 - 12 Minutes (30g mixture) |
| Tack Free @ 25°C (77°F) | 5 Minutes (30g mixture) |
| Quick Cure 15... | 30 Minutes (30g mixture) |

Quick Cure® is now available in the Universal Cartridge dispensing system.

Product Uses:
Use Quick Cure® for installing bungs, repairing missed staple holes prior to fiberglassing, “tack welding” wood, and for those other glue jobs, which require a fast cure. Do not use below the water line unless protected by an over coating like SilverTip® Laminating Resin, STR General Purpose Epoxy, Cold Cure®, etc.

T-88®

Product Description:
T-88® is a high-performance, non-toxic, two-part epoxy adhesive designed to give superior results under adverse conditions. The adhesive may be used without modifications in normally used joints, and will cure in any thickness without shrinkage. T-88® is clear amber and becomes virtually invisible when laminated. T-88® exhibits outstanding adhesion and permanence on a wide variety of materials, and is endorsed by leading designers, builders and organizations.

Physical Properties:

| Mix Ratio by Volume | 100:100 |
| Mix Ratio by Weight | 100:83 |
| Total Solids | 100% |
| Mixed Viscosity | 9,000 cps |
| Tenax® Strength, psi | 7000 |
| Flasulite Strength, psi | 11,500 |
| Lap-Shear Strength, psi: Polyester Laminate | 2800 |
| Concrete | 1150 |
| Wood (Maple) | 1650 |
| Aluminum | 2500 |
| Bonded Board | 1650 |
| Copper | 1650 |
| Lap-Shear Strength vs. Temperature: Aluminum Tenax® Shear: 67°F | 2000 psi |
| 79°F | 2000 psi |
| 100°F | 1300 psi |
| 180°F | 1000 psi |
| Heat Deflection Temperature, °F | 49°C (119°F) |
| Coverage | 80 FL (2L) |
| Gel Time @ 25°C (77°F) | 60 Minutes (100g mixture) |
| Full Cure @ 25°C (77°F) | 4 - 8 Hours (100g mixture) |

Now available in the Universal Cartridge dispensing system.

Product Uses:
For well over 25 years T-88® has been the most widely used structural adhesive for marine and general woodworking in the United States. Mixed at a 1:1 by volume ratio, T-88® will cure at temperatures as low as 35°F. When fully cured, it is unaffected by water, oil, kerosene, and many other chemicals. It will not stain wood and is immune to fungi and rot. T-88® is unique in that it may be applied to damp wood, provided it is worked well into the surface.

G-1

Product Description:
G-1 Epoxy Glue is the easiest to use, clear, weatherproof adhesive with a room temperature cure. Wooden aircraft builder's and restorationists depend on G-1 Epoxy because of its strength, heat and chemical resistance. G-1 has a unique combination of hardness and flexibility. It has low odor, no solvents and is non-shrinking. G-1 requires no clamping pressure and is an excellent gap filler.

Physical Properties:

| Mix Ratio by Volume | 100:100 |
| Mix Ratio by Weight | 100:83 |
| Total Solids | 100% |
| Mixed Viscosity | 7,500 cps |
| Mixed Color | Amber |
| Application Temperature Range | -10°C to 32°C (50°F to 90°F) |
| Tensile Strength | 6500 lbs/in² |
| Compressive Strength | 6000 lbs/in² |
| Tack Free | 16 Hours (100g mixture) |
| Service Temperature Range | -30°C to 70°C (-22°F to 158°F) |
| Gel Time @ 25°C (77°F) | 2 - 3 Minutes (30g mixture) |
| Full Cure @ 25°C (77°F) | 90 Minutes (100g mixture) |

Product Uses:
G-1 has moderately low viscosity. Mix it with sawdust, anti-sag fillers, microballoons and minifibers to make gels, putties, and pastes. G-1 will bond to most woods, gels, glass, porcelain, ceramic, rubber, leather, fiberglass, non-wary plastics and some metals. Once cured, G-1 can be sanded, drilled, filed and painted. For best results, G-1 should only be used on dry surfaces and cured at room temperature. For oily woods, use G-2 Epoxy Glue.

Use G-1 Epoxy Glue for wooden aircraft, all sporting goods including golf clubs, skis, hockey/lacrosse sticks, toys, musical instruments, lapidary work, shoe repair, hobbies and art.