

ADHESIVES



VWT
VARIABLE
WORK
TIME

Made with VWT (Variable Work Time) formula:

Our industry leading +PLUSeries™ adhesives are 100% percent temperature stable, this means they gel and cure at the same rate no matter what the temperature. We have developed Bondtek to have the best of both worlds. Use environmental temperature to fine-tune your gel & curing time. to cure.



Engineered To Exceed Your Expectations

Fabtech Systems Bondtek™ 30 & 60 second and structural adhesives are a versatile and fast two-part urethane system used for bonding and repairing plastics, composites, aluminum, steel, plaster and nearly anything you can think of commonly used in the O&P manufacturing process. Because it's a structural adhesive, it is significantly stronger than brittle, fracture prone acrylics commonly used in our industry today. These urethanes are so strong you can even drill and tap them! We're confident you'll never want to use smelly toxic acrylics again.



Bondtek™ 30 Second Adhesive

Bondtek™ 30 second adhesive is great for any situation when you need something glued quickly & easily. Bondtek is the cost-effective go-to adhesive for all your fab needs. Sets fast, holds shape, no sag. 60-second working time.



Features:

- White color
- High-strength
- Structural adhesive
- Resistant to elevated temperatures, moisture, most solvents and chemicals
- 30 Second working time
- 50ml and 220ml sizes



Bondtek™ 60 Second Adhesive

Bondtek™ 60 second adhesive is great for any situation when you need something glued quickly & easily. Bondtek is the cost-effective go-to adhesive for all your fab needs. Sets fast, holds shape, no sag. The 60 second adhesive gives you all the same features as the 30 second product, but with a 60-second working time.



Features:

- Black color
- High-strength
- Structural adhesive
- Resistant to elevated temperatures, moisture, most solvents and chemicals
- 60 Second working time
- 50ml and 220ml sizes

Item #:	Description:
3050	50ml 25 Second Adhesive
30220	220ml 25 Second Adhesive

Item #:	Description:
6050	50ml 60 Second Adhesive
60220	220ml 60 Second Adhesive

ACCESSORIES



Mixing Tips 50ml

Disposable 50ml mixing tips sold in bags of 6ea, 72ea and 144ea.

Features:

- Easy to apply locking hub design
- Tapered end for precise placement of adhesives
- Disposable

Item #:	Description:
169506	50ml Mixing tips package of 6ea
169572	50ml Mixing tips package of 72ea
1695144	50ml Mixing tips package of 144ea



Mixing Tips 220ml

Disposable 220ml mixing tips sold in bags of 6ea, 72ea and 144ea.

Features:

- Easy to apply locking hub design
- Tapered end for precise placement of adhesives
- Disposable

Item #:	Description:
127216	220ml Mixing tips package of 6ea
127272	220ml Mixing tips package of 72ea
1271144	220ml Mixing tips package of 144ea



(NEW) POWERmixer Tips 220ml

Disposable 220ml mixing tips sold in bags of 1ea, 6ea.

Features:

- Improves 1:1 Adhesive Mixing
- Reduces Waste By Up To 75%
- Made In the USA
- Reusable Retaining Nut

Item #:	Description:
PM1006	220ml Miding tips Package of 6ea

PRODUCT INFORMATION

- 220ml adhesive cartridges are sold individually, 6ea to a box or 24 to a case.
- 50ml adhesive cartridges are sold individually, 12 to a box, or 96 to a case.
- Static mixing tips are sold in quantities of 6, 72 and 144ea per bag.
- Dispenser guns are sold 1ea.

50ml Dispensing Gun



Features:

- Easy to use design
- Works with any 50ml size cartridge
- One time purchase

Item #:	Description:
G50	50ml Dispensing Gun

220ml Dispensing Gun



Features:

- Easy to use design
- Works with 220ml cartridges
- One time purchase

Item #:	Description:
G220	220ml Dispensing Gun

INSTRUCTIONS

FOR PROFESSIONAL USE ONLY

Introduction:

Fabtech Systems structural urethane adhesives are a versatile and fast two part urethane system used for bonding and repairing plastics, composites, aluminum, steel, plaster and many other items commonly used in the O&P manufacturing process.

Preparation:

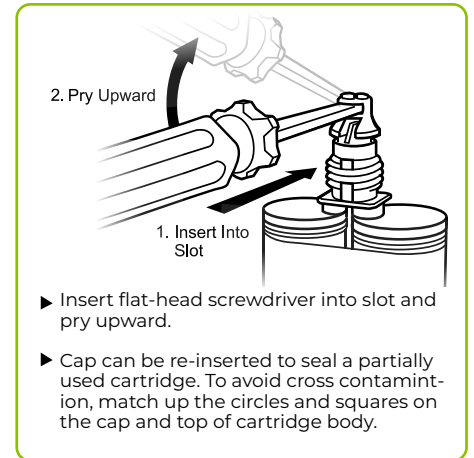
1. Remove the cap of the adhesive cartridge by twisting and pulling off for the 50ml size. On the 220ml cartridge pry the uppermost slot with a flat screwdriver. See image 1.
2. Properly place the cartridge into the gun. Prior to attaching the mixing tip, dispense a small amount of adhesive to ensure both sides flow evenly. If the both sides do not flow evenly, using a small poker carefully enlarge the restricted side to ensure full flow.
3. Attach mixing tips by locking tabs on the 50ml size or screwing on for the 220ml size.
4. Ensure all surfaces to be bonded are clean and free from dust oils waxes. When possible roughen surfaces for increased adhesion.
5. Apply a generous amount of Bondtek™ adhesive to the product.
6. Release the pressure on the metal tab located on the back of the applicator gun. This will allow you to easily remove the tip for your next use. Leave tip on the cartridge to act as a cap.
7. Assemble with the mating part within the recommended working time.
8. Allow adhesive to cure per recommendation. See table 1.
9. Sand and buff using industry standard tools.
10. **Special Note:** In any application involving weight bearing we recommend a minimum cure time of 45 minutes to 1 hour and add additional reinforcement such as fiberglass cast wrap.

Recommended Applications:

Acrylics
Polyesters
Styrenics
Vinyl Esters
Epoxy
Urethanes
Steel
PETG

Non-recommended Applications:

Polypropylene
Polyethylene
Copolyesters



Shelf Life:

The shelf life for all Bondtek™ adhesives is 1 years from MFG date. Storage above 23C/74° may reduce shelf life.

Clean Up:

Use a solvent such as acetone before the adhesive cures. For cured adhesive carefully scrape it off. Large spills of un-cured material should be cleaned up with an absorbent material and disposed of following your local policies for chemical disposal.

Caution:

This product contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided, and necessary protective equipment and clothing should be worn. Do not breathe vapor or dust. Use adequate exhaust ventilation.

Warranty:

Fabtech Systems will replace any material found to be defective. Because the storage, handling and application of this material are beyond our control, we can accept no liability for the results obtained.

Important Information:

Refer to the Material Safety Data Sheet (MSDS) for information on safety and handling before use. Fabtech Systems Bondtek™ cartridge system is sold as a kit, and performance has been verified using the kit contents. Do not attempt to use other mixers in the application of this product. Do not mix the product with-out a mixing tip. This Use Guide and Instructions is incorporated as part of Fabtech Systems Recommendations for Use of Bondtek™ adhesives by Fabtech Systems. Failure to adhere to recommendations in the Use Guide and Instructions sold with the product voids the Warranty.

Table 1.

Based on 70F (21c) temp. VWT hotter or colder will change the performance.

Product	30	60
Work Time	30 seconds	60 seconds
Sand Time	10 minutes	20 minutes
Weight Bearing*	45 minutes	1 hour

SAFETY NOTICE

In any application involving patient weight bearing and/or ambulation we recommend additional reinforcement such as fiberglass cast wrap or structural amination over the adhesive product and connector.