



LOWEST PRICE IN O&P

ENGINEERED TO EXCEED YOUR EXPECTATIONS

Bondtek™ by Fabtech Systems is the original adhesive formulation that led to the development of the now industry standard PLUSeries Adhesives launched in 2008. Bondtek 30 & 60 second structural adhesives are a versatile, cost effective 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. With Bondtek™, you get exceptional quality at a fraction of the cost, making it the top choice for budget-conscious projects.

- High-Strength Structural Adhesive
- Variable Working Time (Temperature Dependent)
- Excellent Build-Up Qualities
- Odor Free
- Non-hazardous
- 2-Year Shelf Life



ADHESIVES

BONDTEK 30 Second Adhesive

Bondtek™ 30 Second Adhesive is your quick, no-sag solution for fast, easy bonding. Sets fast, holds shape, and gets the job done with a 30-second working time.



Features:

- Tan color
- High-strength
- Structural adhesive
- 30 Second variable working time
- 50ml and 220ml sizes

Item Number	Size	Item Name
3050	50ml	30 Second Adhesive
30220	220ml	30 Second Adhesive

BONDTEK 60 Second Adhesive

Bondtek™ 60-second adhesive gives you all the same features as the 30-second product, but with a 60-second curing time. Use this adhesive when you need a little more time.



Features:

- Black color
- High-strength
- Structural adhesive
- 60 Second variable working time
- 50ml and 220ml sizes

Item Number	Size	Item Name
6050	50ml	60 Second Adhesive
60220	220ml	60 Second Adhesive

BONDTEK Starter Kit (Includes FREE Gun)

If you are new to our Bondtek™ adhesive system (or want to replace your worn out dispenser gun), try our adhesive starter kits. This kit includes our full range of adhesive types & the dispenser gun is FREE!



Features:

- Available in 220ml or 50ml sizes
- 1ea 30 Second Adhesive
- 1ea 60 Second Adhesive
- 12 Dispensing Tips
- Dispensing Gun

Item Number	Size	Item Name
ASK-B50	50ml	50ml FREE Gun Starter Kit
ASK-B220	220ml	220ml FREE Gun Starter Kit

VWT VARIABLE WORK TIME

Made with VWT (Variable Work Time) formula

Unlike our industry-leading +PLUSeries™ adhesives, which are 100% temperature stable and gel/cure at the same rate regardless of conditions, Bondtek gives you flexibility—allowing ambient temperature to influence gel and cure times so you can fine-tune performance to your specific needs.



⚠ IMPORTANT INFORMATION

This product is intended for professional use only. Users should reference the most current instructions and documentation, which are available online at fabtechsystems.com. Always follow applicable guidelines and best practices.

220ml adhesive cartridges are sold individually, 6 per box, or 24 per case.

50ml adhesive cartridges are sold individually, 12 per box, or 96 per case.



ACCESSORIES

Mixing Tips - 50ml

Disposable mixing tips for dispensing 50ml 2-part urethane adhesives



Features:

- Easy to apply locking hub design
- Tapered end for precise placement of adhesives
- Disposable
- Also works for Pluseries™ adhesives

Item Number	Size	Item Name
169506	50ml	Mixing tips package of 6ea
169572	50ml	Mixing tips package of 72ea
1699144	50ml	Mixing tips package of 144ea

Mixing Tips - 215ml/220ml

Disposable mixing tips for dispensing 215ml/220ml 2-part urethane adhesives



Features:

- Easy to apply locking hub design
- Tapered end for precise placement of adhesives
- Disposable
- Short design = Less waste
- Also works for Pluseries™ adhesives

Item Number	Size	Item Name
127216	215ml/220ml	Short mixing tips package of 6ea
127272	215ml/220ml	Short mixing tips package of 72ea
1277144	215ml/220ml	Short mixing tips package of 144ea

PowerMixer™ Tips - 215ml/220ml

Disposable mixing tips for dispensing 215ml/220ml 2-part urethane adhesives



Features:

- New Integrated Nut
- Compact Design-Half the size of standard tips
- Eco-Friendly 75% less waste
- Also works for Pluseries™ adhesives

Item Number	Size	Item Name
PM1006	215ml/220ml	Mixing tips package of 6ea
PM1072	215ml/220ml	Mixing tips package of 72ea
PM1144	215ml/220ml	Mixing tips package of 144ea

Adhesive Dispenser Guns

Adhesive cartridge dispensing guns. Durable & reusable, these guns are required for adhesive dispensing



Features:

- Easy to use design
- One-time purchase/re-usable
- Also works for Pluseries™ adhesives

Item Number	Size	Item Name
G50	50ml	50ml Adhesive Dispenser Gun
G220	215ml/220ml	215ml/220ml Adhesive Dispenser Gun



IMPORTANT INFORMATION

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• 220ml adhesive cartridges are sold individually, 6 per box, or 24 per case.

• 50ml adhesive cartridges are sold individually, 12 per box, or 96 per case.



PREPARATION & APPLICATION

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PREPARING FOR APPLICATION

1. CARTRIDGE SETUP

Opening the Cartridge:

- For 50ml cartridges, twist and pull off the cap.
- For 220ml cartridges, pry the uppermost slot with a flathead screwdriver (see Figure 1).

Placing in Applicator Gun:

- Insert the cartridge into the gun.
- Before attaching a mixing tip, dispense a small amount of adhesive to confirm both sides are flowing evenly.
- If one side is restricted, carefully enlarge the opening with a small poker.

2. ATTACHING THE MIXING TIP

- Secure the mixing tip by locking the tabs (50ml) or screwing it on (220ml).

3. SURFACE PREPARATION

- Ensure bonding surfaces are clean, dry, and free from dust, oils, or waxes.
- For stronger adhesion, roughen smooth surfaces before applying the adhesive.

4. APPLICATION

1. Apply a generous amount of Bondtek™ adhesive to the surface.
2. Join the parts within the recommended working time (see Figure 2).
3. Allow the adhesive to cure 45-60 minutes*.
4. Once cured, sand and buff using standard tools.

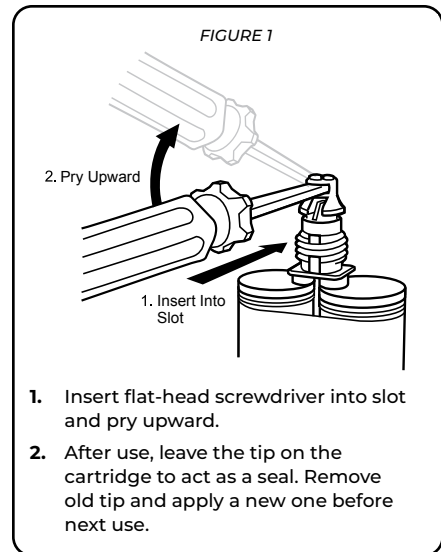


Figure 2	Timing Metric	Bondtek™ 30	Bondtek™ 60
	Work Time	30 seconds	60 seconds
	Sand Time	1.5-3 minutes	5 minutes
	Full Cure Time*	45-60 minutes	45-60 minutes

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

***SPECIAL INSTRUCTIONS FOR WEIGHT-BEARING APPLICATIONS**

- **⚠** Minimum cure time: 45-60 minutes before use in load-bearing applications.
- Reinforcement needed: Always apply fiberglass cast wrap or similar structural support for added durability.



HANDLING, USAGE & SAFETY

STORAGE & USAGE

SHELF LIFE

- Fabtech has certified a 2 year shelf life on Bondtek™ Adhesives when stored properly.
- Storage above 74°F (23°C) may reduce shelf life.

STORAGE TIPS

- Leave the mixing tip attached after use to act as a seal.

SPILL CLEANING INSTRUCTIONS

- Before curing: Use acetone or another appropriate solvent such as **Fabtech +PLUseries Ceaning Wipes**.
- After curing: Scrape off hardened adhesive carefully.
- Large spills: Absorb with a suitable material and dispose of per local chemical disposal regulations.



Try our **Solvent Replacement Cleaning Wipes**, specially formulated for use with +PLUseries™ adhesives. A safer alternative to acetone and other harsh solvents, these wipes help maintain a cleaner, healthier work environment. ITEM#: 70CW

SAFETY

- Avoid skin and eye contact. Wear appropriate protective gear.
- Do not inhale vapors or dust. Work in a well-ventilated area.
- This product is intended for professional use only. Users should reference the most current instructions and documentation, which are available online at fabtechsystems.com. Always follow applicable guidelines and best practices.
- **For any application involving weight-bearing or ambulation, always reinforce the adhesive product and connector with fiberglass cast wrap or structural lamination for added durability.**

PRODUCT WARRANTY & USAGE GUIDELINES

- Fabtech Systems will replace any material found to be defective within the warranty period.
- Storage, handling, and application are beyond our control, so we do not accept liability for the final results.
- Always use the provided mixing tips—performance is only guaranteed when using the complete Fabtech Systems cartridge system.
- Failure to follow these instructions voids the product warranty.

MATERIAL COMPATIBILITY

RECOMMENDED FOR USE ON:

- | | | |
|------------|--------------|------------------|
| Acrylics | CAD Foams | Urethanes |
| Aluminum | Vinyl Esters | Carbon |
| Polyesters | Dry Plaster | Steel |
| Wood | Epoxy | PETG |
| Styrenics | Fiberglass | Composite Fibers |

X NOT RECOMMENDED FOR USE ON:

- Polypropylene
- Polyethylene
- Copolyesters



HANDLING, USAGE & SAFETY

I. POLICY ON THE APPROPRIATE USE OF FABTECH MATERIALS IN MEDICAL DEVICE MANUFACTURING

DEFINITION OF MEDICAL DEVICE MANUFACTURER

For the purposes of this policy, the Medical Device Manufacturer is defined as the person, company, clinician, or other educated and certified individual responsible for fabricating, modifying, and delivering a medical device for patient use. This includes professionals with the requisite knowledge, skills, and certifications necessary to ensure proper application and functionality of the medical device.

RESPONSIBILITY OF THE MEDICAL DEVICE MANUFACTURER

It is the sole responsibility of the Medical Device Manufacturer to determine the suitability of all new raw materials, products, and components, including any Fabtech products, to ensure that the final end-use product:

- Is safe for its intended use.
- Performs or functions as intended.
- Complies with all applicable legal and regulatory requirements.

The Medical Device Manufacturer is solely responsible for:

- Conducting all necessary tests and inspections.
- Evaluating the medical device under actual end-use requirements.
- Adequately advising and warning purchasers, users, and/or learned intermediaries (such as Orthotic/Prosthetic professionals) of pertinent risks.
- Fulfilling any postmarket surveillance obligations.

Any decision regarding the appropriateness of a particular Fabtech material in a specific medical device must be based on the judgment of the Medical Device Manufacturer, seller, competent authority, and treating professional.

WARRANTIES

FABTECH SYSTEMS WILL NOT WARRANT THAT ITS PRODUCTS ARE SUITABLE FOR USE IN ANY MEDICAL DEVICE OR MEDICAL APPLICATION.

II. COMPLIANCE AND LIABILITY DISCLAIMER



Warning: This adhesive is not intended to function as a standalone structural component. It is specifically designed for use as a filler material to be fully encapsulated by an external permanent structural layer—such as carbon fiber composite or thermoplastic—during device fabrication.

Use outside of these parameters may compromise device performance. The practitioner/technician is solely responsible for verifying the suitability, application technique, and final outcome of the device.

For more detailed information, please refer to our [Appropriate Use Policy](#) (Section I) or visit our website for the most up-to-date resources.

