



World's Strongest Bond™
www.jbweld.com



Technical Data Sheet

J-B Weld™

Revision date:
September 2020

PRODUCT BRIEF

J-B Weld™ is the Original Cold-Weld™ two-part epoxy system that provides strong, lasting repairs to metal and multiple surfaces. Mixed at a ratio of 1:1, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. At room temperature, J-B Weld™ sets in 4-6 hours to a dark grey color. A full cure is reached in 15-24 hours. J-B Weld™ has a tensile strength of 5020 PSI and sets to a hard bond overnight. It can withstand temperatures up to 550°F when fully cured.

Part Number	Container Size		
50165	25mL Syringe		

PRODUCT BENEFITS

- Tensile strength of 5020 PSI
- Waterproof when fully cured
- Forms a permanent bond
- Can be shaped, drilled, filed, & sanded
- Can withstand up to 550°F
- Cures to Dark Grey

TYPICAL APPLICATIONS

- Use on Metal/Plastic*/Wood/
Concrete/Ceramic Tile/Fiberglass
- Home/Auto/Toy/Plumbing/
Industrial/and Marine Repairs
- Crafts and Outdoor Equipment

DIRECTIONS FOR USE

1. **PREPARE SURFACE:** Clean repair area of dirt, grease, oil, paint, rust, etc. For best results use a detergent or degreaser to clean the surface, then roughen surface with file or coarse sandpaper to provide the best repair.
2. **MIX:** After removing the replaceable cap, press down on plunger and squeeze equal amounts onto a disposable surface and mix thoroughly.
3. **APPLICATION:** Apply with appropriate tool in an even coat, weld bead or extrude shape as needed.
4. **DRYING:** Sets in 4-6 hours. Cures in 15-24 hours. If temperature is below 40°F, then set time is longer.

VOC status:

Compliant for sale in all 50 states.

DISCLAIMER

**Not recommended for Polyethylene Plastic (PE), Polypropylene Plastic (PPE), Nylon, and other highly flexible materials and non-porous surfaces.*

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use.