

DURA FIX



Weeks Distributors
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 E-mail : Durafix-info@durafix.com
 For Information Or Ordering Call 800-547-
 weld (9353) Fax: 864-322-9669
 24 Hr Live Operator (For Orders Only) 800-380-3752



What Is This Thing?



Now you can repair aluminum and zinc based parts with out a welding machine.



[Click here for a Broadband Video](#)

Demonstration

[Click here if you have dialup access](#)

- All you need is a hand held propane type torch for small pieces.
- Produces a sound joint that is stronger than the parent metal.
- No fluxes are required.
- There are no fumes.
- Low 732°F. working temperature.
- Joins thin or thick parts.

[See Items repaired with Durafix](#)



[click to enlarge](#)

CNC Reports Product Review: Durafix makes welding repairs and fixture creation easy. Accidents happen. Things break. Repairs are needed. It's just a normal part of shop life. But before you throw something away, you might just save time and money with....[\(read article\)](#)

I was very surprised not only to get a response but to get one by phone at work. I received a call from Randall Weeks and he.... [\(read more\)](#)

[Click Here >](#) To order this Space-Age Product with our Secure Online International Order Form

As seen on [Shiphshape TV](#) and reviewed by Practical Sailor Magazine 2/99 and Powerboat Magazine ("We like this stuff and heartily recommend it") 9/99.



Dave H. 10/01/00:
 Thanks to all the folks at Durafix. I repaired my 1975 Starcraft aluminum boat. I had 11 leaks 0 leaks now. The whole trick is do it twice.The first time did not stop leaks. I reheated each leak and rubbed each with stainless brush.I guess it is a matter of tinning fine cracks and loose rivets. My regards again to Durafix.

captkeywest: I am sure several of you have seen the guys at the boat show weldiing aluminum with a durafix rod and a propane torch. and wondered if this stuff could be handy for "in the field" and remote repairs bottom line, _yes_ the stuff works and could be very handy [read article](#)

[Read More Testimonials](#)

Use DURA-FIX For :

INDUSTRIAL MAINTAINANCE - FABRICATE REPAIR - FARICATION MAINTAIN - ALUMINUM AND ALLOY

BOAT OWNERS
ARTISTS
HOBBYISTS
RADIATOR SHOPS
VOCATIONAL SCHOOLS
RACE CAR MECHANICS
LOCKSMITHS
GO-CART RACERS
CAMPING ENTHUSIASTS

PLUMBERS
WELDERS
FARMERS
FISHERMEN
HUNTERS
GUNSMITHS
AVIATORS
SPORTSMEN
MACHINISTS

AIR CONDITIONER REPAIRMEN
LAWNMOWER REPAIR SHOPS
TRANSMISSION REPAIRMEN
MOTORCYCLE REPAIRMEN
AUTO-BODY REPAIRMEN
MAINTENENCE MECHANICS
STORM WINDOW FABRICATORS
SOLAR ENERGY FARICATORS
ANTIQUE CAR RESTORATION

FEATURES:

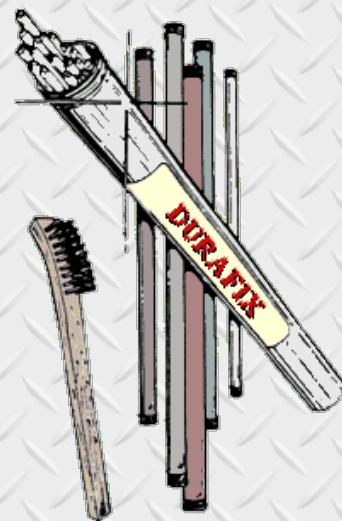
- *LOW COST *STRONGER THAN ALUMINUM *NO FLUXES OR FUMES
- *LOW WORKING TEMPERATURE

Aluminum Welding Instructions

If you have any problems with DuraFix or any questions, do not hesitate to call us at 800-547-9353. We will give you personal instructions on how to use our product. Customers that call us with problems leave very satisfied and usually order again.



Clean area to be welded down to base. Brush the base with stainless steel brush till shiny. Heat the area to be welded, evenly. As you heat the base, rub the rod vigorously against the heated piece to be welded till rod flows. Never apply heat directly to rod.



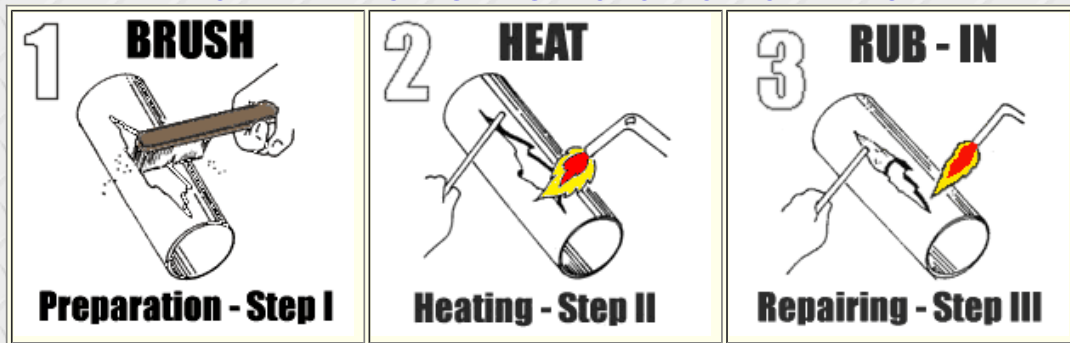
ALWAYS WEAR SAFETY GLASSES AND GLOVES

Do not use on magnesium. If you are unsure of the the material, file off some metal and apply the torch. Magnesium will burn white like a flare.

WEEKS DISTRIBUTORS

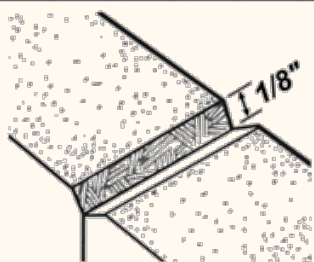
Will not be held liable for any damages, injury or losses due to the misapplication of this product or any other reason whatsoever.

NOW WELDING ALUMINUM IS AS EASY AS 1 - 2 - 3

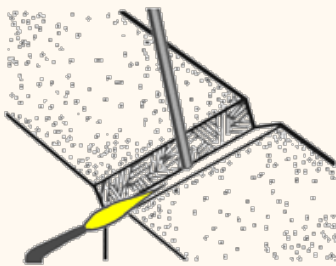


HOW TO WELD ZINC BASED METALS WITH DURAFIX ROD

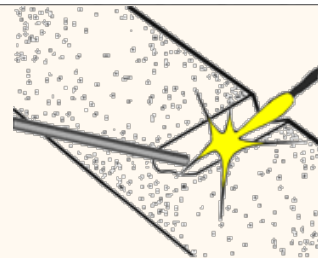




Vee the broken edges to about 45 degrees, clean the surface of any plating or scale back from edges of the vee 1/8 of an inch.

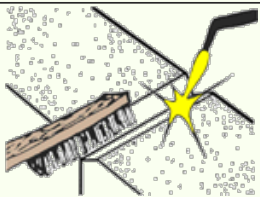


Heat until it starts to flow. Turn flame parallel to surface and with side of flame, hold at this heat. Heat welding rod to same temperature. Now with both bases and welding rod at this temperature, touch rod to the break and rod will flow into vee, thoroughly fusing the parts.

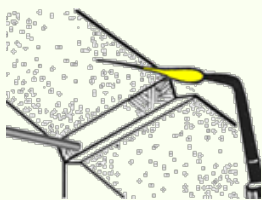


Repeat operation until break is completely filled. Be sure to kick rod into weld to break down skin resistance as filler rod will lay on surface and will not fuse if only heat is applied.

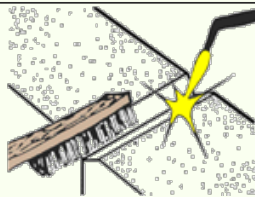
HOW TO BRAZE ALUMINUM WITH DURAFIX ROD



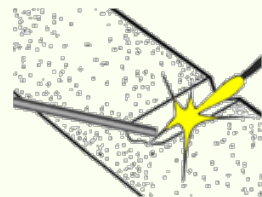
Brush surface to be repaired thoroughly under heat to break up surface oxide.



Heat the parts hot enough to flow without the aid of the flame, thoroughly tinning the surface.

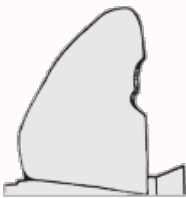


Brush Tinned surface under heat, thoroughly filling the open pores.

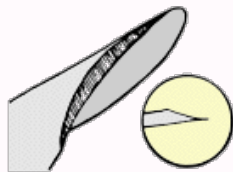


With sides thoroughly tinned, flow in enough rod to fill the Vee. Be sure filler fuses with the tinned surface without melting the base metal.

HOW TO REPAIR A PROPELLER



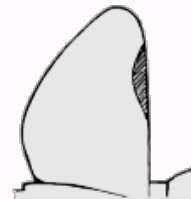
Wire brush thoroughly to break up surface oxide and remove paint.



Heat hot enough to flow rod without the aid of the flame. Tin the flat (not beveled) side and attach a temporary support of carbon or copper.



Turn and tin beveled side, building out the blade slightly larger than its original size. Grind damaged edges to a 45 bevel. Pitch propeller to standards.



Let cool, then grind to proper standards. Results? ... a well prepared wheel without porosity for you to balance and paint!

[CLICK HERE TO PRINT A BROCHURE FROM THIS WEB PAGE](#)

Dura-FIX Rod

The most widely used rod on the market for WELDING ZINC BASE metals - white - die cast - pot metal. Alloyed from pure virgin metals. Welds made with ROD are clean and free from slag. Produces a sound joint that is stronger than the parent metal. BRAZING ALUMINUM without the use of flux, sound and free from porosity.

SOLDERS GALVANIZED, also used as a RUB-ON solder. Use a slightly carburizing flame (excess of acetylene), with small tip for most work.

MELTING POINT 732°F.

Dura-Fix Is Used TO: Repair Kirksite dies, power tools, aluminum radiators, power mower castings, propellers, lower units and boat hulls.

Specifications

Tensile Strength, lbs/sq. in.	47,000
Compression Strength, lbs/sq. in.	60,000 - 75,000
Shear Strength, lbs/sq. in.	34,000
Charpy Impact Str, lbs/sq. in.	4 ft/lb to break 1/4" bar
Hardness (Brinell)	100
Ductility Good	Good
Melting Point	732°F
Specific Gravity	6.7
Density (lbs/cu. in.)	0.25
Elongation (in 2")	3%
Coefficient of Linear Expansion	15.4x10 ⁻⁶ /°F
Electrical Conductivity	24.9% of Cu
Thermal Conductivity	0.24 cal/cu. cm/°C

THOUSANDS OF OTHER USES.

General Notes

This rod will work with propane, mapp, butane, oxyacetylene or any fuel source as long as the material is brought up to 732°F. The rod will not work if heated directly. You must heat the material that you are working on to 732°F and then apply the rod. The material must be cleaned with a **stainless steel brush** (included) because the rod will not adhere to stainless steel. The rod will not adhere to the material being brazed if it is cleaned with a steel or other type brush.

These products are fabricated with Durafix aluminum rods:



Aluminum Electric Violins



Custom Putters



TwisterPicker fruit pickers



When you order DuraFix Rod using the order buttons below, your sensitive information is submitted to us in a secure environment on a secure server with a Verisign certificate utilizing 128 bit SSL and RSA encryption.

You will also receive a confirmation with an order number by e-mail. Please feel free to test the ordering buttons. Your order is not final until you have entered your payment and shipping information in the final screen and submitted the order. In the final screen you will have the following payment options:

- Order by Visa, Master Card, American Express, Discover or JCB Online.
- Gift Order by Visa, Master Card, American Express, Discover or JCB Using FAX.
- Order by Visa, Master Card, American Express, Discover or JCB through Postal Mail.
- Order by Check through Postal Mail.
- Order by Purchase order online or through Postal Mail.
- Sorry, we do not ship COD.
- You may request shipping by *any method* on the special instructions area in the final entry screen and we will advise by E-mail.

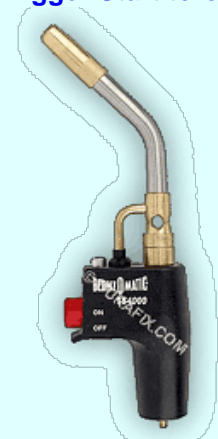
We never share your email address or phone number with anyone, ever.

Durafix is Available World Wide.

If you are ordering from the Eastern Hemisphere: Europe, Asia, South Pacific, African Continent or the Middle east, Click the flag of the country closest to your country below to order directly from the distributor nearest to you.



The Combo Kits below include a Genuine Bernzomatic TS4000 Trigger Start torch.



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