

# Magic Mender and High ~ Fire Mender

By MARX Brush

*USES:* Repairs~Add-ons~Attaching flowers, ribbons, etc.~Repairs broken pieces~Fixes hairline cracks.  
Attach greenware to greenware~Attach greenware to bisque~Attach bisque to bisque~Removes hard spots.

## *Magic Mender* INSTRUCTIONS for Ceramic Greenware and Bisque

1. Do not wet the piece to be mended.
2. Magic Mender is pre mixed, so there is no need to add any slip.
3. Apply mender to both sides with a soft brush. Do not over apply. Press the pieces together ~ when mender beads out of the sides you have full coverage. Hold the pieces together (a minute or two) until they remain joined.
4. *If Greenware:* Remove excess immediately. Clean when semidry with a scrubby.
5. *If Bisque:* Let mender dry completely, then clean it as you would clean greenware.
6. Fire the piece when mender is completely dry. You may apply color before firing. Fire the piece to the proper cone of the slip (Up to 02 or 03 cones ~ 2048 degrees).

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## *High~Fire Mender* INSTRUCTIONS for Porcelain, Pottery, Stoneware, Clay, etc.

1. Mix 2 parts slip or clay to 1 part High~Fire.
2. Do not wet the piece to be mended.
3. Fill the jar with any High~Fire slip or Clay to the ridge on the jar. **Mix Completely.**  
*Note: It is important to only mix one color and type of slip per jar. Mark each jar with the color and type of slip.* Yield is 2 ounces once the desired slip is added.
4. Apply mender to both sides with a soft brush. Do not over apply. Press the pieces together - when mender beads out of the sides you have full coverage. Hold the pieces together (a minute or two) until they remain joined.
5. *If Greenware:* Remove excess immediately. Clean when semidry with a scrubby.
6. *If Bisque:* let mender dry completely, then clean it as you would clean greenware.
7. Fire the piece when mender is completely dry. You may apply color before firing. Fire the piece to the same temperature as the slip or clay you mixed with the mender.

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**Helpful Hints:** While the mender is still moist the joint will be fairly delicate, so be careful when cleaning the piece.

**These Menders must be fired to become permanent.** Keep jars tightly closed. These menders have a long shelf life and will not spoil! After firing the repaired area is stronger than the rest of the piece. If you clean well before firing you'll never know the break was there.

**How to fix:**

- Hard Spots.....Apply a thin smooth coat of mender over the area.
- Broken Stilts.....Apply the mender and fire.
- Hairline Cracks...Use a knife tool or dremel to open the crack. (You must get the mender deep into the crack for it to work. Otherwise the crack will reappear.) Dip a brush in the mender and in some water so you have a flowing consistency. Allow the mender to flow into the cracks, let dry. If you need a second application do so, then clean the piece, paint and fire.

### Marx Brush

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