

Origami and PMC+ Sheet

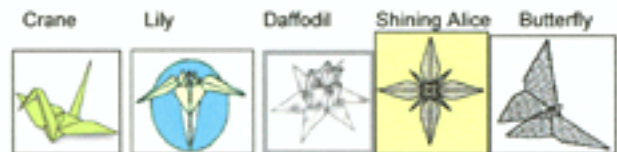
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Origami, the Japanese art of paper folding is as ancient as paper itself. Origami creates a beautiful gesture of shape by a simple paper fold. The Mitsubishi Materials Corporation has produced foldable metal clay, a progression in the origami tradition. The instructions here bring PMC paper and Origami together for an exciting creative experience. Enjoy the folding ritual! Create! Be happy!

How to fold Origami with PMC+ Sheet

1. Choose the origami model and instructions and cut paper to the size of the PMC+ Sheet (6cm x 6 cm).
2. Practice folding paper model several times, working on a smooth, flat hard surface.
3. PMC+ Sheet is made with a different binder than the clay. PMC+ Sheet is water-free and remains flexible. Keep PMC+ Sheet sealed until use.
4. Folding this pliable material is a floppy experience. Make creases firmly by pressing down. Modify final steps when the model becomes too thick to fold.
5. No drying time required, PMC+ sheet may be fired upon completion of model. PMC+ sheet has the same shrinkage /firing specifications as other PMC. Fire in kiln, do not torch fire. Set work on soldering pad and place the pad in the kiln. Support for irregular shapes is not necessary. The "glue" that holds PMC+ sheet together helps it to retain its shape. Alumina or vermiculite may be used.
6. Fired piece may be shaped and soldered. The layers of the fold will remain separate and the piece is very like paper in its appearance of the folded layers. Touching layers remain separate and can be lifted and repositioned.
7. Avoid drying conditions like lamp heat, PMC+ sheet can become dry and tare. Repair cracks after firing with PMC+ slip, and then fire again.
8. Do not add water, PMC+ Sheet is water-free and remains flexible
9. Finish by using burnisher, scratch brush, tumbler and polish paper. Traditional silver smithing techniques can be used.

Origami models for PMC+ Sheet



ORIGAMI INSTRUCTIONS:

PRELIMINARY BASE: this is a series of 4 folds that are the beginning to many origami models.



BIRD BASE: begins with the preliminary base and 5 more folds to achieve this base



Resources:

PMC User's Guide

www.riogrande.com

The Origami Handbook

By Rick Beech

Hermes House, London 2003

Complete Origami Course

By Paul Jackson Publisher Gallery Books

New York 1989

Pocket guide to Origami by Isao Honda

Asahi Origami Club Tokyo, Japan

Japanese Trading Company 1959

Origami USA

www.origamiusa.com