



Working with Worbla Sheet Products

How to heat (activate) your Worbla:

These products activate at 90°C or 195°F. We recommend heating with a simple heat gun. Working on a flat, heat-safe surface, hold the heat gun 2-4 inches away from the Worbla and working back and forth, heat the surface evenly.

We suggest working on a silicone mat or parchment paper to prevent the Worbla from sticking to your work surface.

Once heated, the material will become flexible, malleable, stretchy and adhesive. When cool, it will return to a hard plastic. You can reheat Worbla endlessly, and there is no shelf life.

Worbla is typically used in four ways: Sculpted, Molded, Flat Shaping, and Reinforcing

Sculpting:

Once activated, detail can be sculpted in with fingers and sculpting tools. Use water as a barrier to prevent the Worbla from sticking to your tools as you work. Reheat as needed. Worbla can be blended together to create a putty to sculpt from, or be added to an armature or form. No adhesive is required to attach Worbla to itself so long as it is activated.

Molding:

Heated Worbla can be draped over a form and pressed into shape by hand or pushed into a mold. Complicated shapes may need you to work in sections, avoid undercuts, or have a second pair of hands to achieve a smooth look. A mold release is suggested for any non-silicone molds or shapes.

Flat Shapes:

The fold method or the sandwich method are suggested for creating large flat shapes, to give the plastic body and prevent it from warping while being worked. This involves creating the shape in flat foam, covering the foam in Worbla, and then shaping and joining the pieces together to create the final result. Please check out our website tutorials for a much more in-depth explanation of this process.

Reinforcing:

You can cover a structure made of foam, paper, or other lightweight material with Worbla to give it strength and longevity. Cut a piece of Worbla larger than your shape, heat and wrap. Some darting (removing material) may be needed for very complex shapes, or you may need to work in sections to get a smooth finish.

Further information, tutorials, galleries and videos can be found at

www.Worbla.com