## LytW8™ Catenary Cuben Tarp - C²T

## Materials

-. 51 oz Cuben Fiber x 3 yards +6 " strip for making corners
-3/4" Grossgrain $-(4.5 ") \times 6+(6 \times 2 ")$ tie outs $=\sim 40 "$

- Hysol Loctite U-09FL (adhesive)
- Masking tape
- Gutterman thread
- Paper for making ridgeline curve pattern


## Tools

- Exacto Knife \& Cutting Mat
- Scissors
- Steel Ruler
- Sewing Machine
- Tooth picks (mix adhesive)
- Masking Tape
- Foam Brush (apply adhesive)
(C) 2011 by James Shortt, www.LytW8.com ${ }^{\text {TM }}$. All rights reserved


## Cutting the Pieces



Steps:

1. Mark pieces with a silver sharpie as shown
2. Cut pieces using an Exacto knife with straight edge on self healing pad
[^0]
## Cutting the Catenary Ridgeline

3" deflection

| Enter ridge length in inches: |  | 108.00 |
| :--- | ---: | ---: |
| Enter degree of severity (400 is good starting point): | $490^{\circ}$ |  |
| Calculated deflection at midline in inches: | $3^{\prime \prime}$ |  |

Steps:
3. Make a paper pattern for curve
4. Place the 2 panels on top of each other, line up the curve pattern, and mark curve with silver sharpie
5. Cut Catenary ridge using an Exacto knife with self healing pad underneath

## Bond the Ridgeline


(C) 2011 by James Shortt, www.LytW8.com ${ }^{\mathrm{TM}}$. All rights reserved

## Add Reinforcement Patches


$52.125^{\prime \prime}$

## Steps:

10. Tape edges of all eight corner location with masking tape
11. Using Hysol, bond the 8 corner reinforcements in place as shown. Allow the patch edges to extend over any areas that are not exact lines of square
12. Using Exacto knife trim any excess patch edges.

## Hem the Edges



Steps:
12. Double fold the edges over $1 / 2$ " inch for hemming
13. Hem the edges $3 / 8^{\prime \prime}$ from the edge

## Add Tie Outs

## 4.5" Pieces folded in half



## Finished Tarp





[^0]:    Notes:
    Bond ridgeline with Hyosol with 1" overlap
    Double fold edges at $1 / 2$ "
    Results in finished tarp dimension of (108-2") by (60-2"-1") by (48-2"-1") or 106" x 57 " x 45 "

