





**APPLYING  
POLYMER  
COATINGS TO  
ROPE  
(NATURAL OR  
SYNTHETIC)**

2. If the Component B is not "pre-pigmented" add the full tube of SL-pigment to the Component B container and mix well ( Shake can)

3. Add all of the Component B to the larger component A container and mix with a "jiffy mixer" and electric drill at a medium speed. Do no whip excessive air into the mixture but mix fast enough to completely combine the Component A & B (about 1 to 2 minutes). PureCast 603 has a working time of 15 to 20 minutes, TrueKote CS-100 FR has a working time of 30 to 45 minutes at 72°F.

4. Apply the coating to the prepared rope section.

Applying the mixed polymer to the Rope Section

1. Inspect the Rope section that will be coated to insure that it is "dry" and free of dirt and debris. Rope that has been exposed to oil or grease should not be coated as the coating will not adhere or possible cure completely

2. Attach the Rope section vertical to make the longest length possible.

3. Using a gloved hand, start at the top of the secured rope, bathing the rope with the mixed polymer gradually working down the line. Take care to work the polymer into the line with thumb and fore finger pressing on to the line.

4. Observe the line for unevenness in the coating and quickly smooth out these areas. Smooth out "drips" as they occur , toluene may be use with gloved hand to assist with contouring the "drips" as the polymer thickens up ( 30-45 minutes) after initial application.

5. Allow the rope to cure for about 2 hour at 72°F before applying additional layers of coating. Usually 2 coats of polymer will produce a cosmetically acceptable product.

Curing the coated rope section

1. Allow the coated rope section to hang vertical overnight, the rope can be handled the following. Lay the coated rope flat in an extended position to compete the cure cycle, 3 days at 72°F before coiling the rope. Rope sections that are coiled up before the curing cycle has completed may maintain an unwanted and irreversible "spring-coiled" shape. In addition the coated rope may "stick" to itself and make the line unusable.

Recoating the coat rope sections

Coated rope sections can be recoated without any special preparation if recoated within a 24 hr. period after the initial application of the coating and they have been kept dry.

(Coated rope sections older than 24 hrs.)

1. Lightly abrade the cured coating with abrasive foam sponges (3M Corporation) that are available from Home depot or Lowes stores.

2. Apply a light coating of Primer 460 SPX (Industrial Polymers Corp) and allow it to dry for 30 to 45 minutes at 72°F

3. Apply the coating as describe in "Applying the coating to prepared rope sections"

• Please call Industrial Polymers Corporation for further technical assistance if needed 713-943-8451