

T.A.S.C.O/Rittel's

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Instructions for using T.A.S.C.O/Rittel's EZ-Tan (EZ-100)

EZ-100 is a Phenolic Syntan Tanning agent. It is a highly concentrated powder that costs less, tans more, and produces a high quality, white, soft, stretchy leathered skin. EZ-100 tanned skins have negligible shrinkage, and are even washable! Environmentally EZ-100 should be your choice! It contains no metals! EZ-100 tanned skins or capes have an indefinite shelf life, and will not deteriorate or weaken with age. EZ-100 is compatible with almost all pickling acids.

Tanning Formula – Based on Drained Weight

After neutralizing the skins or capes, rinsing and draining them for 1 hour – weight them! This will be their drained weight. Use it to calculate the amount of tanning solution and chemicals needed. For every 1 Lb. of wet drained skin weight, mix:

2 Quarts of lukewarm water

3 Oz. of Salt

½ Oz. of EZ-100

Tanning Formula – Based on Water Volume

After neutralizing and rinsing the skins or capes, and draining them for 1 hour – some tanners prefer to simply mix enough solution to completely submerge the skins or capes. This formula is based on the amount of water used. For every 1 gallon of water used, mix:

1 Gallon of lukewarm water

6 Oz. of Salt

1 Oz. of EZ-100

Note: ½ Oz. of EZ-100 = 4 ½ Teaspoonful's

1 Oz. of EZ-100 = 3 level Tablespoonful's

Before placing the skins into the tanning solution – test the PH level for a 4.0 reading. If too high, lower it using a small amount of acid like Formic, Citric or Acetic (White Vinegar) acid. Or you can simply dip out and use some of your pickling solution to adjust it. If your reading is too low – than add small amounts of Sodium Bicarbonate or Sodium Acetate dissolved in water first, to raise the PH level to a 4.0. Do not overcrowd the skins or capes in the tanning solution.

Keep the solution at a comfortable room temperature (65-80 degrees Fahrenheit). Leave the skins or capes in the tanning solution for 16-20 hours. Almost all skins and capes will tan thoroughly within 24 hours. Never over tan! Do not allow your skins to tan over 24 hours! If mixing a tanning solution for 5 skins or capes – place them all into the solution at the same time. EZ-100 is a fast tanning agent - if you wait, and place the skins into the solution over a period of time, the skins or capes may have depleted the solution and the last pieces will only receive a spotty tan.

After 16-20 hours in the tanning solution – pull the skins or capes. Allow them to drain for 20 minutes, no longer! If you have a dry sawdust drum available - tumble them after this short drain for 5 minute's maximum! This is only to remove the surface water. Now oil them using a warm oil/water mixture. After oiling, fold them flesh to flesh, hair to hair, and allow them to "sweat" in the oil for 3-4 hours. After sweating, unfold and hang them to dry.

T.A.S.C/Rittel's offers these instructions in an advisory capacity and assumes no liability. Such information is the same as used in our own successful experiments, and since we have no control over the environment, or the materials upon which our products or instruction will be used, they cannot guarantee success!

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