

Tech Tip: #205

Processing Instructions for Barricade®, Starborne™ and Comet™ Wet Mops

Step	Operation	Level	Temp.	Minutes	Supplies
1.	Flush	High	120°F - 50°C	2	
2.	Flush	High	140°F - 60°C	2	
3.	Break/Suds	Low	140°F - 60°C	10	8oz. built(nonsolvent) detergent 100 lbs. -4g/kg ph 8.5 - 11.5 maximum
4.	Rinse/Extract	High	140°F - 60°C	3	
5.	Rinse/Extract	High	120°F - 50°C	2	
6.	Rinse	High	80°F - 27°C	2	
7.	Rinse	High	80°F - 27°C	2	Active alkalinity no greater than 50 ppm higher than tap water

Additional Processing Information:

Centrifugal Extraction: Bring to full speed (300-450 rpm) for 4 minutes and release.

Hydraulic Extraction: **NOT RECOMMENDED**

Drying: Tumble at 120° F - 160° F, 49°C - 71° C.

**Drying:**

Drying times will vary depending on your geographical location, equipment and the environment and load size. Start by tumbling these mops for 8 minutes at **160°F** incoming temperature, **160°F** exhaust( If available on your equipment, reverse the dryer drum during the drying cycle. It reduces the drying time and will not create heat pockets in the mop/yarns prolonging their service life). When programming auto dryer settings, monitor temperature for the first 3-6 loads, stop temperature when **140°F** is reached, then begin cool down after set point has ran for 3-5 minutes. Cool to 90 - 100°F before unloading, **MOPS SHOULD NOT BE FULLY DRY;** moisture content should be approximately 10%, unless they are being poly wrapped directly from dryer.



## **Processing Instructions for Barricade®, Starborne™ and Comet™ Wet Mops** **continued, page #2**

### **New Mops break-in recommendations:**

Careful initial processing is essential for maximum mop head life. All new mops should be processed separately, if possible, and overloaded 30% by weight.

The break operation should be reduced by 3/4, and maximum water temperature (140°F - 60°C) used. Rinses should be at a low level and the final two rinses should be with cold water.

### **Handling/Processing:**

1.) The final rinse water should be titrated to determine the amount of active alkali. If higher than 50ppm over tap, an additional rinse will be necessary. To insure the total removal of excess alkali, souring may be desired. This should be done according to the recommendations of the supplier of the souring chemical.

2.) All of the processing temperatures are very critical. High washing and drying temperatures can severely damage the fibers.

3.) Bleach **is not** recommended. If used, amount should not exceed the equivalent of 1 quart of 1% concentrate/ 100 lbs. - 20 ml/kg of mops at 10.0 - 10.5 ph.

4.) During the first use or first laundering, some indicator color may be visible in the solution. This color is not a dye, however pre-rinsing before use may be desired.