



PROMPT WASH-OFF!

Exoline 4000 WEL



EXOLINE 4000 WEL

ECOFRIENDLY, NONFOAMING ACIDIC SOAPING AGENT

In last years, due to economical conditions, reactive soaping time becomes one of the important criteria for each dyehouse.

- Conventional soaping agents require high amount of water, energy & longer time.
- Usually dark colors-bordeaux, navy, black- requires a long - wash off period of 3 - 5 hours. In continuous system, single passage is not sufficient.
- Additionally, lime deposits are visible as grey dust on final washed fabrics.
- In 10 % black shade knit dyeing, people easily achieve very high fastness values in 6 cycles compared to 10 fills with conventional soaping agents.
- In order to heat-up 10°C 1000 kg water, consumed fuel;

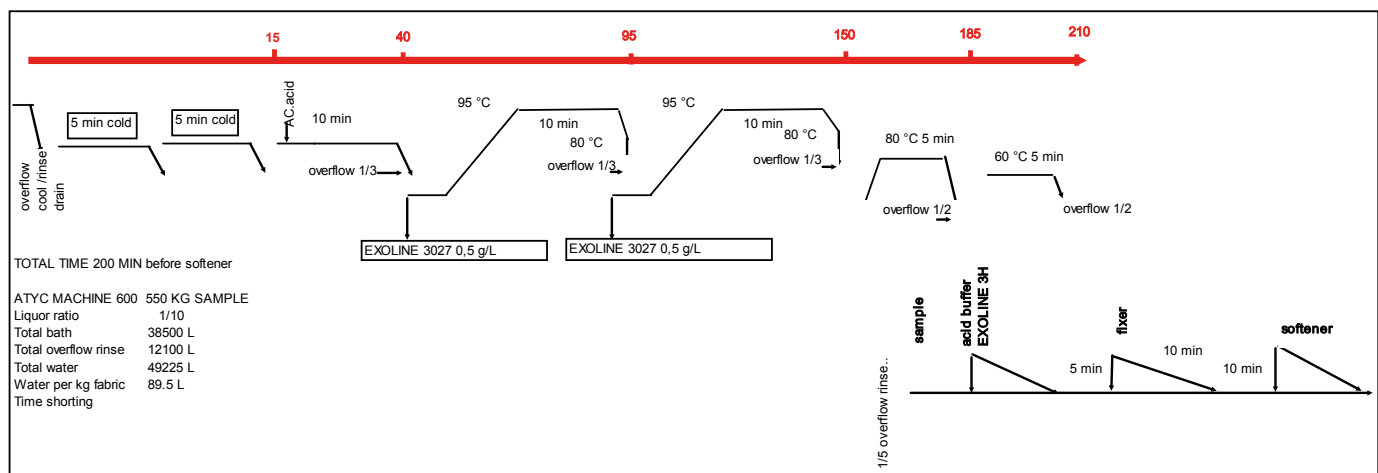
NPG = 2 m³ , COAL = 6 kg , Fuel - oil = 1,0 kg

- In case of saving of 4 hot wash cycles in Black wash - off period, we preserve for 1 ton of fabric,

NPG = 400 m³ , COAL = 1000 kg , Fuel - oil = 350 kg

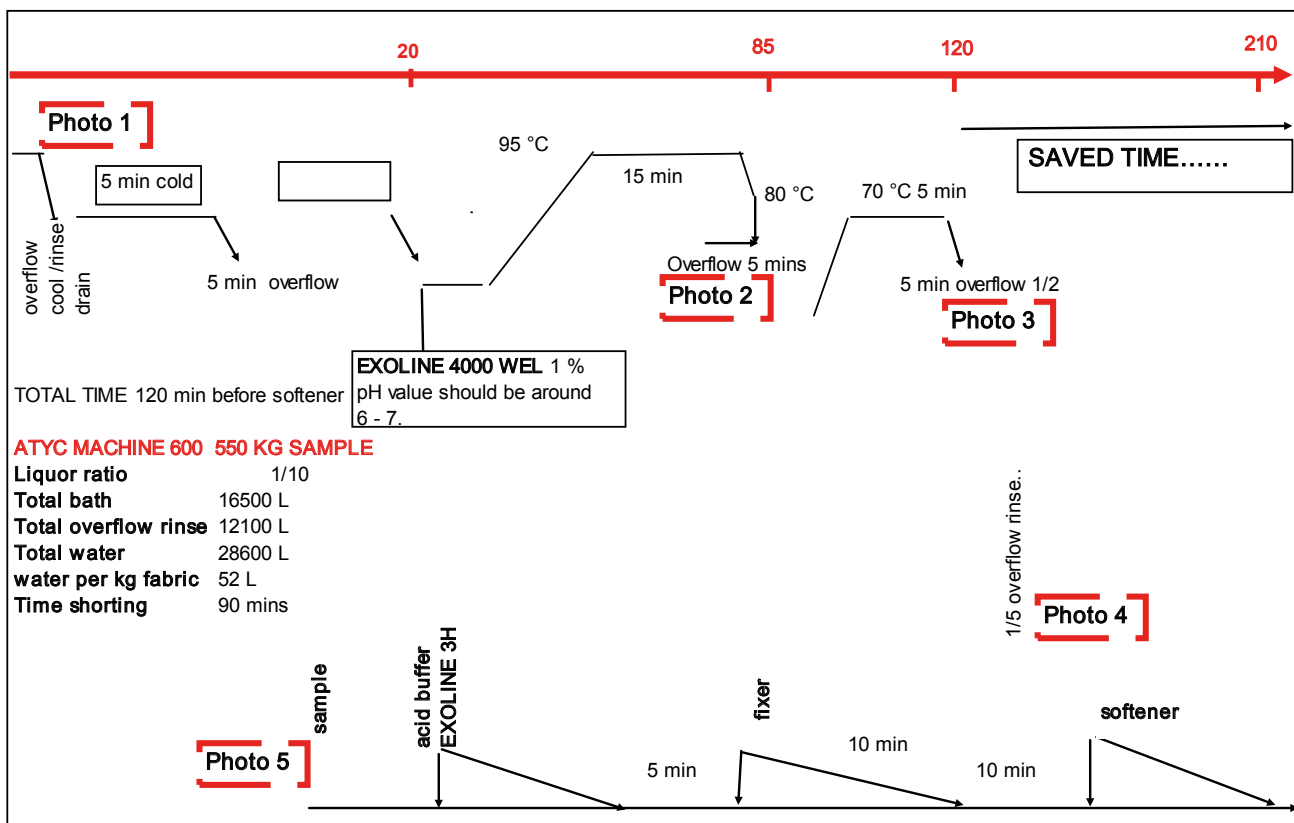
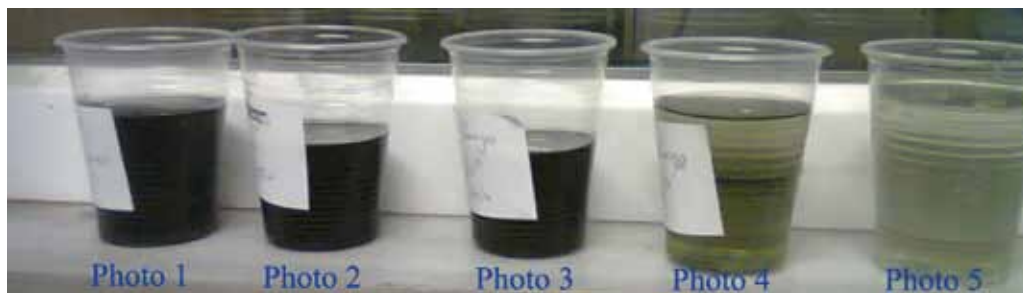
- Besides fuel, Electric, Acid, Labor&Time is saved and environment SAVED !

NORMAL SOAPS

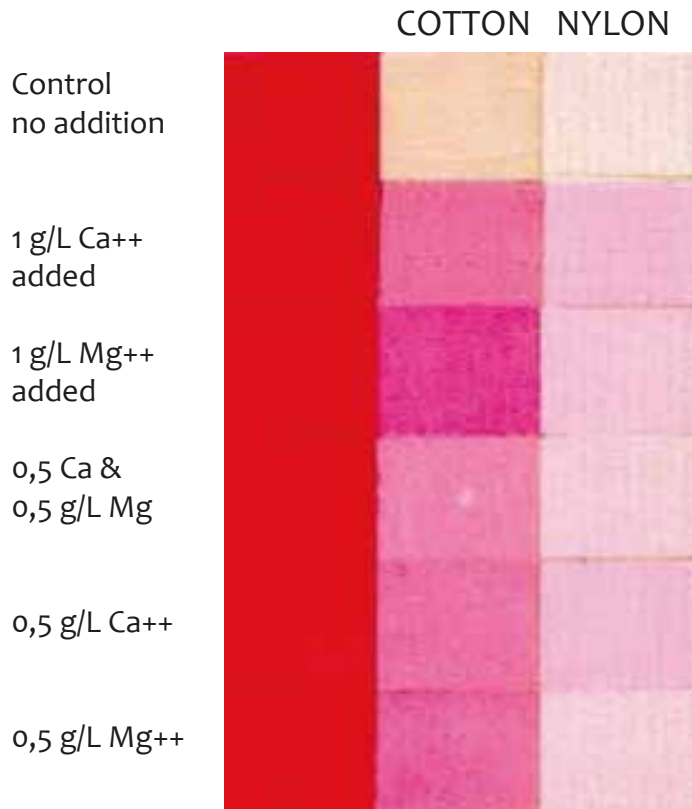


RECOMMENDED WASH CYCLE

- 2 x cold rinse 5 min.
- 1 % **EXOLINE 4000 WEL** check pH value should be around 5,5 - 6. (Acetic acid addition is recommended for pH adjustment. Then heat up to bath 95 °C and stay 15 min.
- **EXOLINE 4000 WEL** pushes the hydrolysed dyes into the liquor. Therefore photo 2 is even darker then end of dyeing photo 1. At the end of soaping don't be bothered from the color of the water. Water seems dark as **EXOLINE 4000 WEL** has pushed all the hydrolyzed dyestuff to the liquor. But as it is seen, photo 4 - 5 is clean.



IMPORTANCE OF SEQUESTERING IN WASH OFF



We strongly recommend **EXOLINE 4000 WEL** to avoid the effects of ions in the washing-off baths. **EXOLINE 4000 WEL** sequestering effect also avoids white dust-look Ca/Mg precipitations on the surface of the fabrics.

EXOLINE 4000 WEL can complex 390 mg CaCO₃/g

Recommended After Soaping Process;

