

# Technical Note

<b>Date:</b>	24 March 2020
<b>Applicable Equipment:</b>	Blendorama & ColourWheel manual dispensers
<b>Subject:</b>	Preparation for prolonged idle period

## Notes

- It is not recommended that manual tint machines remain idle or unused for prolonged periods of time.
- Low & Zero VOC tints have a limited “shelf” life and can degrade in a tint machine, they can be susceptible to the growth of mould and bacteria.
- Given the above if a prolonged idle period is unavoidable, we recommend the following procedures.
- We recommend that when cleaning tint equipment to use paper towel and to avoid cross contaminate of colours, and especially mould.

## Tools

- Paper towel (and plenty of it) for cleaning
- Baby wipes or paint wipes to remove dried tint
- Anti mould spray, e.g. Exit Mould or similar product
- Disposable gloves
- Phillips head screw driver #2
- Any personal protective equipment recommended by site, employer, etc.

## Procedure

1. It is important that if a canister is affected by mould that you **DO NOT CONTAMINATE** other tint canisters!
2. Leave any mould affected tint canisters until last.
3. For each canister use fresh paper towel and wipes
4. Clean each Canister & Lid, remove dried tint around the top of the canister, where practical remove dried tint from the canister walls
5. After cleaning spray lid and inside of canister lightly with anti-mould spray.
6. For any canisters affect by mould try to remove the mould where practical.
7. Clean the exterior of machine of paint and tint splashes.
8. If any tint is thickened or shows signs of degradation, pump out completely and add only 1 litre fresh tint. **Ensure this canister is correctly purged of air after re-filling.**
9. Check canisters are agitating correctly
  - a. COLOURWHEELS – This machine uses a mechanical timer, if possible, on a weekly basis have someone turn on the timer for 3 minutes.
  - b. BLENDORAMA – This machine has an automatic timer, using the Detent lever, lock the turntable in place and ensure the power is connected to the machine and on.
  - c. If a or all canisters are not agitating, remove one by one from turntable and check stirrer mechanism for damage or thick or degraded tint, if thick empty out tint and try agitation by hand, if it now works, clean out old tint and re-fill with only 1 litre of fresh tint and purge.
  - d. If this does not correct agitation leave some tint in canisters and log a service job for when machine returns to normal service.
10. Purge all tints (as per normal daily maintenance procedure)
11. Check canister levels, ensuring at least 1 litre of tint is in each canister.
12. Clean each pump nozzle carefully removing any dried tint, ensure wiper pads are sealing nozzle correctly.