



sikkens
WOOD COATINGS

Passion for wood

Industrial hygiene

Guide for MAINTENANCE and DISINFECTION of flow installations and dip tanks

Flow installations and dip tanks should be regularly maintained and disinfected in order to attain a good coating result and in order to avoid bacterial attacks and the resulting unpleasant odor.

Daily maintenance

- Before starting work, always check the viscosity (a with DIN 4 cup)
- Whether or not the DIN 4 cup works, is easy to check: normal tap water has a flow-through time of exactly 10 seconds at 22 ° C (room temperature). If the time is longer: clean the nozzle; if the time is shorter and the cup is clean, throw away the cup!
- If thinning is needed, please use always clean tap water
- Stirring sticks, electric stirrers, brushes, measuring cups and other utensils that were used for thinning, agitating, or transferring must be washed immediately after use and then dried
- For flow installation, make sure that all nozzles are open; clogged nozzles must be cleaned or replaced before starting flow processing; screens must be clean
- After work, drain the flow installation and clean with fresh water until clear water runs out of the system. Pump out the water, and drain any residual water
- Dip tanks must always be covered when they are not in use
- Clean the screens after dipping
- Dispose of the waste water, and wash water daily - bacteria grow in water buckets!

Disinfection (should be done Fridays)

Disinfection is necessary if the coating material develops a putrid smell. However, flow installations and dip tanks must also be disinfected regularly as a preventive measure; it is a good idea to do this when longer production breaks occur naturally, such as company holidays or the Christmas season.

- Drain the coating material, dispose of any putrid-smelling material; never fill this back into the tank after disinfection!
- Clean the system like at the end of each workday
- Fill with fresh water and admix 0.5% lyso 3025 (by Schulke & Mayr Special Additives International D-22840 Norderstedt, Germany - Phone: +49 40 / 52 10 00 – Fax: +49 40 / 52 10 02 44)
- Allow the flow installation to circulate for ½ hour or longer, fill dip tanks at least half full
- Allow the solution to stand during the production break, or at least over a weekend
- After the production break, or on the Monday, allow the flow installation to circulate for ½ hour again; then drain the solution, stir the dip tank and drain the solution
- If you can see polluted and dried parts, they should be cleaned (where possible) with ST 830; wipe the tank with a clean cloth
- Thoroughly flush the whole system with fresh water, and then drain the water
- You can now refill the dip tank and the flow installation