

## Flo Mix UK Maintenance Guide

As part of the agreement between Flo Mix UK and the customer the silo must be maintained whilst on site, this includes regular cleaning of the silo mixing station.

The mixing station should be cleaned thoroughly as a minimum **Once** per week during normal operation and more regularly during periods of hot weather and or higher usage.

As a guide this is recommended to be completed on a Friday afternoon to ensure that any material does not set over the weekend which would cause the machine to block.

### **Daily Cleaning operation**

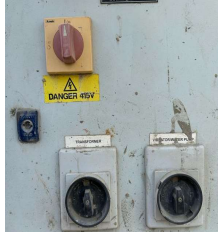
It is recommended that at the end of each working day the mixing station is washed through with only water and the product handle shut. This operation should be carried out for around 4 minutes until the water is clear with no evidence of mortar coming through. This will ensure that no residue is allowed to settle on the bottom half of the wet mixing tube and cause a blockage of the water inlet.

### **Weekly Cleaning operation (or twice weekly during periods mentioned above)**

Before the weekly cleaning operation takes place it is advisable to complete the daily cleaning operation to remove any residue within the wet chamber.

1. Isolate mains power and remove mains power lead from control panel.(Picture 1)
2. Undo both 24mm nuts on the face plate and pull the screw out using the handle out of the mixing station (Picture 2 and 3)
3. Unplug motor plug from control panel, Undo 24mm nut on motor face plate. This will allow the motor door to swing open. (Picture 4)
4. Any loose material in the dry chamber should be removed into an empty tub or other container, This will prevent moisture settling and causing the material to harden and also allows the screw to be re-located back in its coupling (Picture 5 and 6)
5. Using a long bar or scrapper remove any material which may have built up in the dosing chamber where wet meets dry mix.
6. On the dosing screw (Cork screw) a build up of material will be present where wet meets dry, using a hammer lightly knock off the build up which has built up (Picture 7 and 8)
7. Return the screw back into the mixing unit and place 24mm nuts onto the bolts but only a couple of threads in. (Picture 9 and 10)
8. Line up motor coupling with coupling on screw and close the motor door, tighten the 24mm nut on the motor face plate to ensure no leakage
9. Tighten the 24mm nuts on the face plate to ensure that the screw is fully located in its motor coupling.

The silo can now be re connected with the mains power and motor plug and operation can resume



Picture 1



Picture 2



Picture 3



Picture 4



Picture 5



Picture 6



Picture 7



Picture 8



Picture 9



Picture 10