

Len-Tex Electrostatic Sprayer Testing Protocol July 2020

Methods

Disinfectant Application via Electrostatic Sprayer:

1. Charge sprayer to ensure enough battery life for testing
2. Prepare disinfectant per manufacturer's instructions and fill sprayer
3. Make sure to wear protective safety glasses, rubber gloves, a respirator and closed toed shoes before turning machine on
4. Turn on machine with cone head attached and stand 6 feet away from desired wall
5. Spray the wallcovering back and forth in a consistent manner across the entirety of the wallcovering sample until the entire sample has been covered
6. Turn off machine while still wearing PPE to ensure no transfer of electricity
7. Wait for the sample to air dry before another application is added (~30 min to be safe)
8. Repeat this process until 50 applications of each disinfectant has been applied
9. Once 50 applications are completed, allow sample to develop for 14 days
10. Once development time is complete, assess for any changes in color, etc.