

Summary of Fogger Test Report received from Cemagref:

Fogger with Blue Nozzle:

1. Flow Rates (Average of 20 foggers):

At 3.0 kg/cm²: 4.66 LPH ≈4.5 LPH

At 3.5 kg/cm²: 4.96 LPH ≈5.0 LPH

At 4.0 kg/cm²: 5.31 LPH ≈5.5 LPH

2. Droplet Size (At 4.0 kg/cm²):

Average of Fine droplets:

As per Cemagref there is no strict rule, we can consider either Number and/or volume:

Arithmetic Diameter (μm): 51 μm

Volumetric Diameter (μm): 69 μm

By Number: % of droplets < 100 μm that is **92.1%** for Blue nozzle.

By Volume: volume of droplets < 100 μm that is **49.6%** for Blue nozzle.

Fogger with Green Nozzle:

1. Flow Rates (Average of 20 foggers):

At 3.0 kg/cm²: 6.16 LPH ≈6.0 LPH

At 3.5 kg/cm²: 6.61 LPH ≈6.5 LPH

At 4.0 kg/cm²: 7.04 LPH ≈7.0 LPH

2. Droplet Size (At 4.0 kg/cm²):

Average of Fine droplets:

As per Cemagref there is no strict rule, we can consider either Number and/or volume:

Arithmetic Diameter: 50 μm

Volumetric Diameter: 68 μm

By Number: % of droplets < 100 μm that is **93.2%** for Green nozzle fogger.

By Volume: volume of droplets < 100 μm that is **51.1%** for Green nozzle fogger.