



## **Ph CORRECTION GRANULES**

Calcite is a naturally occurring calcium carbonate media. One of the advantages of Calcite is its self-limiting property. When properly applied, it corrects Ph only enough to reach a non corrosive equilibrium. It does not overcorrect under normal conditions. Upon contact with Calcite, acidic waters slowly dissolve the calcium carbonate to raise the ph which reduces the potential leaching of copper, lead and other metals found in typical plumbing systems. Periodic backwashing will prevent packing reclassify the bed and maintain high service rates. Depending on ph, water chemistry and service flow, the Calcite bed will have to be periodically replenished as the Calcite is depleted.

As the calcium carbonate neutralizes the water, it will increase hardness and a softener may become necessary after the neutralizing filter.

### **Conditions for Operation**

Bed depth:18-30 in.

Freeboard:20% of bed depth (min.)

Backwash flow rate: 15-20 gpm/sq.Ft.

Backwash bed expansion: 20% of bed depth

Service flow rate:

Municipal: 1.5-2 gpm/sq.Ft.

Industrial: 3 gpm/sq.Ft.

Domestic: 5 gpm/sq.Ft.

### **Physical Properties**

Color: Off White / Grey

Bulk Density, Kg/M3:1550

Specific Gravity: 2.70

Hardness Mohs: 3 - 4

Uniform Coefficients :< 1.6

**PACKAGING** : 25 Kg HDPE Bag

