

Product Bulletin Zilmet ActivFlo How It Works

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Calcite forms limescale

- Hardness in water is due to the presence of calcium carbonate.
- Calcite is the mineral form most common with calcium carbonate.
- Calcite is sticky and gummy so therefore easily collects in pipes, on heating components, on fixtures, and on glassware.

Activflo transforms calcite to aragonite

- Water flowing through the Activflo induces a static charge from the inner coil due to the natural conductivity of water.
- This causes separation of the calcite mineral particles.
- The result is the transformation of calcite to aragonite crystal.

Aragonite crystal flows through

- Aragonite is also a mineral form of calcium carbonate.
- Aragonite is the same composition as calcite but possesses a different structure
- Aragonite precipitates to a hard non-sticky crystal that doesn't collect in pipes etc but passes through with the water to eliminate the problems associated with hard water.



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