

# what IS

# resin?

Resin is a special media, made of millions of plastic beads, imbued with sodium ions.

Grades: the softening resins used in water softeners vary with each manufacturer. It can be compared to glass; some glass is so cheap it can crack and break easily, or glass can also be made to be bullet-proof. Almost all water softeners utilize cross link resins. The higher the resin percentage, the greater the durability.

## HOW IT WORKS

Unsoftened water contains calcium and magnesium.

- Calcium
- Magnesium

Resin beads: Raw water enters the softener and passes through a column of resin.

Resin beads attract and hold hardness ions

Once beads are saturated they are cleaned with a sodium solution, this is known as regeneration.

Softened water!



