

# Translations:Filtre à eau céramique/48/en

---

- The firing process is done initially at a low temperature of around 100°C for 2 hours. This will remove excess water remaining.
- Finally, the temperature is gradually increased to high temperatures. At 866 ° C, clay vitrifies as the silica and alumina molecules melt and bind to form a new mineral with needle-like fibrous structures. Vitreous clay is hard, resistant to stress and does not change shape when water is added. After vitrification, clay has a new chemical structure and cannot be powdered and reused as clay dust.
- Fire at 900 ° C for 9 hours.