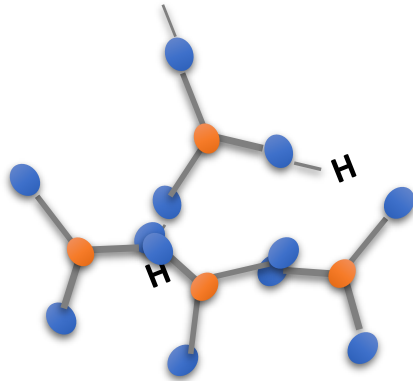


alfran[®]

HIGH TEMPERATURE SOLUTIONS

Drytech®

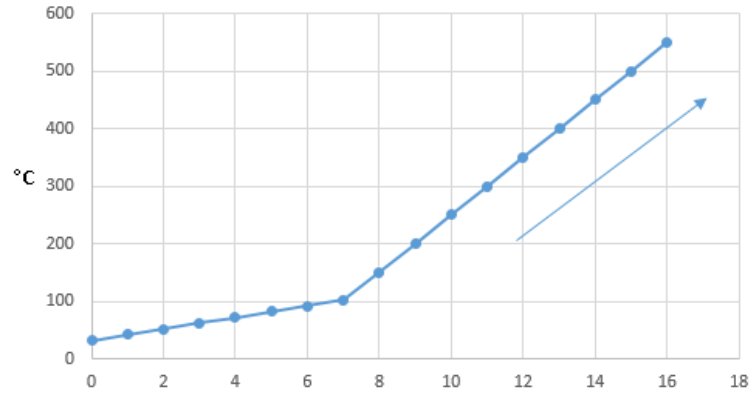
No Cement Castables
for severe thermal shock resistance



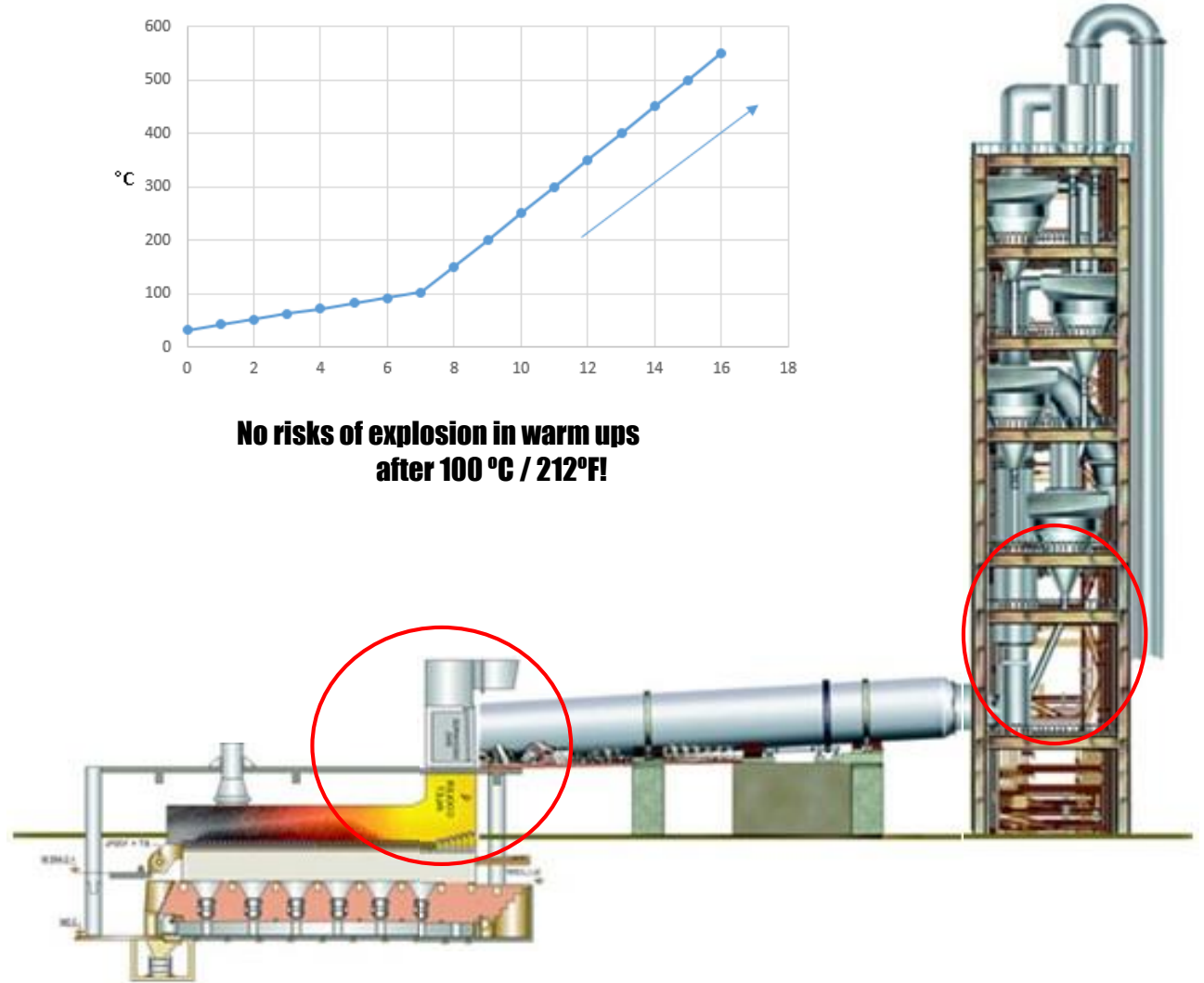
Developed with Nanotechnology



Process variations (thermal)



No risks of explosion in warm ups
after 100 °C / 212°F!

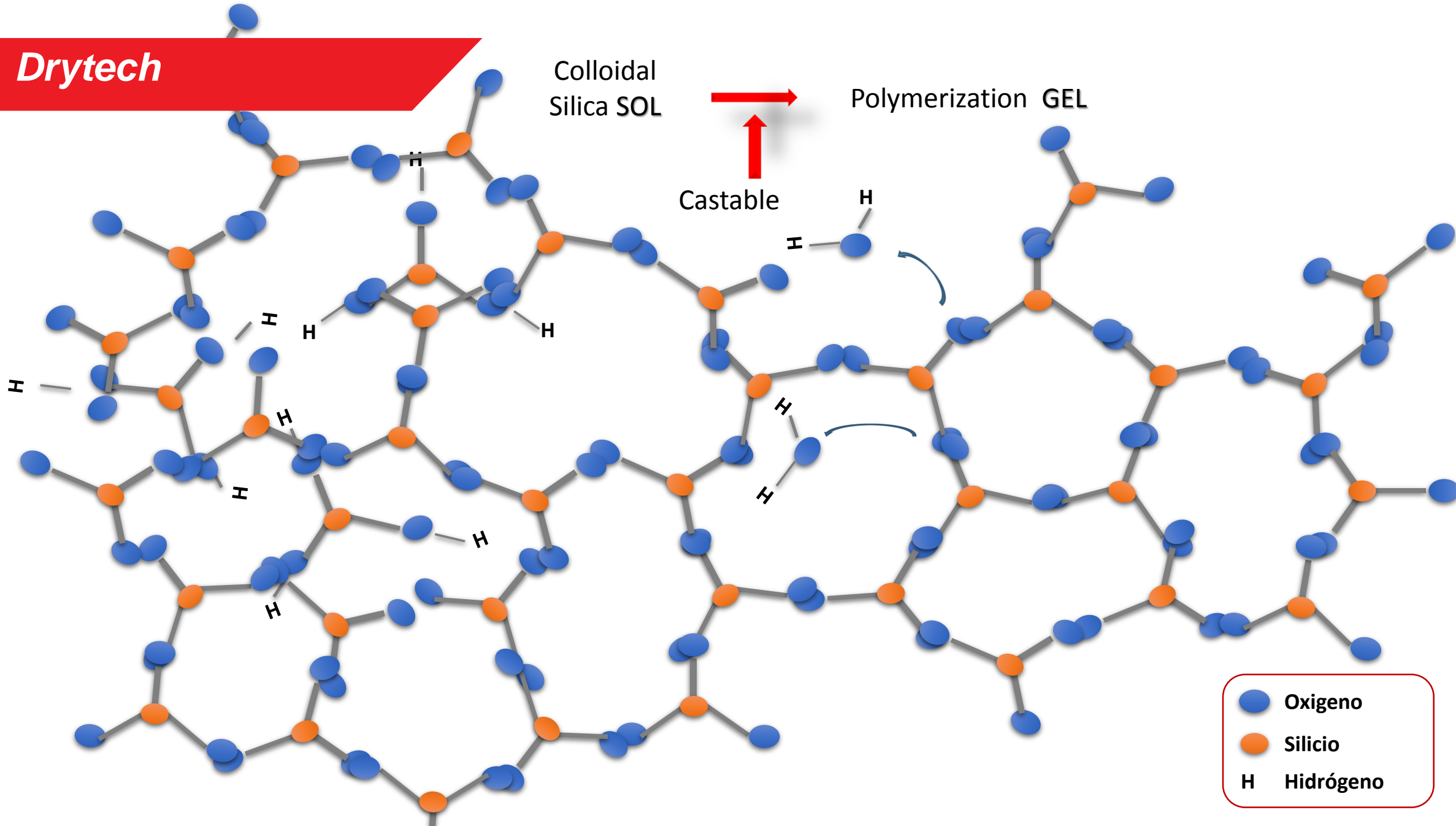


Drytech

Colloidal
Silica SOL

Polymerization GEL

Castable



-  Oxígeno
-  Silicio
- H Hidrógeno

alfran

HIGH TEMPERATURE SOLUTIONS

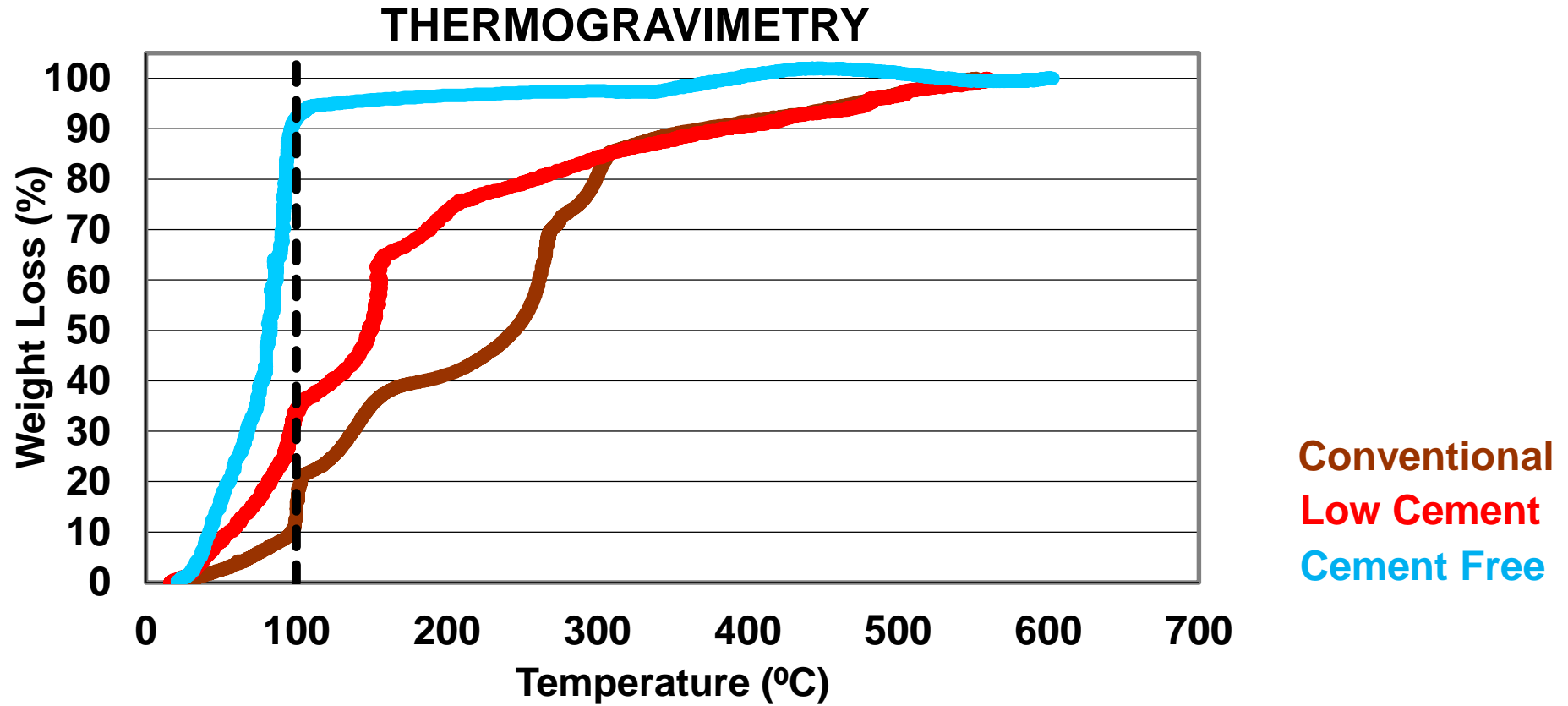
Drytech Advantages

- ▶ **Decrease the dry-out schedule.** It needs around 18 h vs aluminous cement content castables that needs around 48 h.
- ▶ **No risk of explosion.** The few free water disappear at 100°C.
- ▶ **(+) Hot Mechanical Strength.** Minimum porosity.
- ▶ **(+) Thermal Shock Resistance.** During the heating and cooling, minimum contraction and dilatation.

Drytech Advantages

- ▶ **Similar Chemical attack resistance.**
- ▶ **No expiration.**
- ▶ **No water required.**
- ▶ **More stable installation at Extreme Temperature conditions.**

Drytech Range



In **DRYTECH** range 96% of the water found in the castable disappears at 100°C.

Lower pressure → Lower risk
Less energy → Lower cost