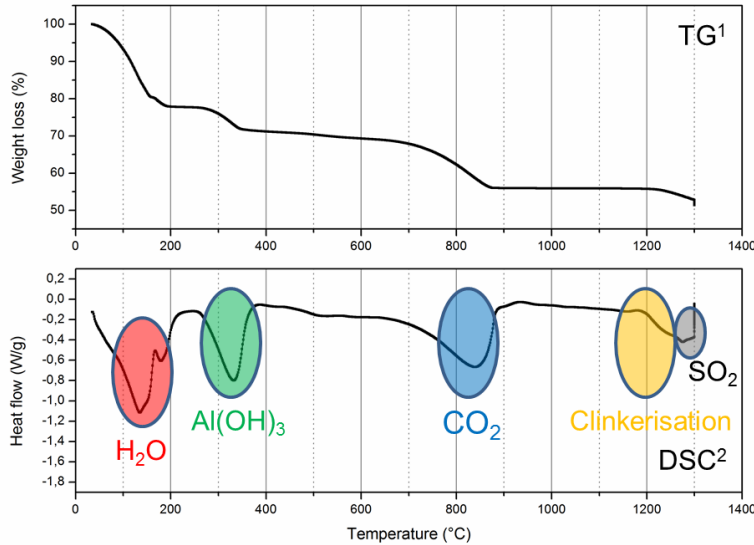


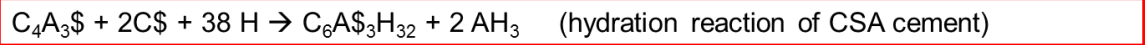
# Construction chemical information on CSA cement

## CSA clinker burning process and hydration



Low enthalpy required for C<sub>4</sub>A<sub>3</sub>S formation  
 ≈ 800 kJ/Kg (≈ 1800 kJ/Kg for C<sub>3</sub>S)

Main CSA clinker phases analysis	
C <sub>4</sub> A <sub>3</sub> S	> 50%
C <sub>2</sub> S	> 25%
C <sub>3</sub> S	≈ 5%



<sup>1</sup> TG = Thermogravimetry  
<sup>2</sup> DSC = Differential Scanning Calorimetry

## 40% of Next in combination with 60% of different cement from Italy (+ 0.5% citric acid)

