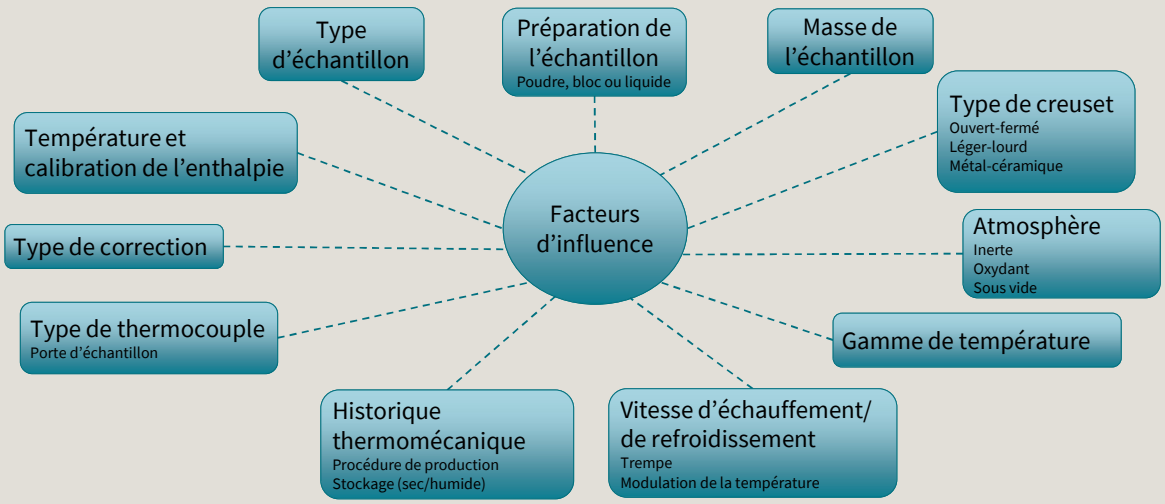
Application de l'analyse ATG-DSC pour l'étude des matériaux cimentaires

Yeakleang Muy

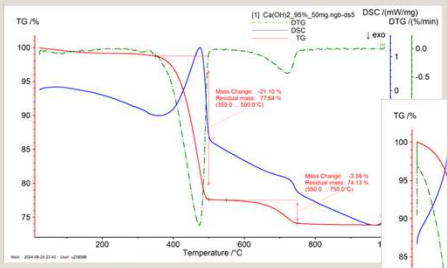
Yeakleang.muy@uliege.be
+32 4 366 5258

Facteurs influençant la mesure

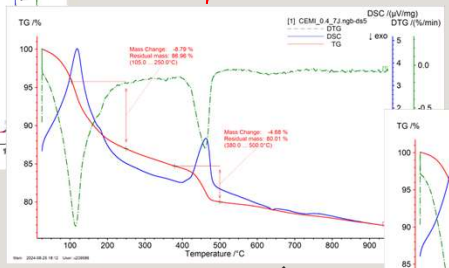


Exemples de résultats d'analyses ATG et DSC

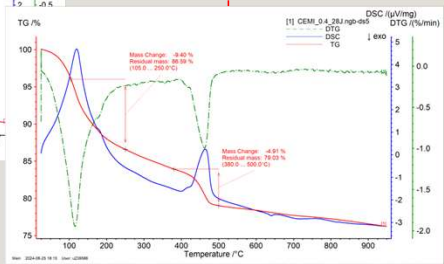
Décomposition: $Ca(OH)_2 \rightarrow CaO + H_2O^{\uparrow}$



$Ca(OH)_2$

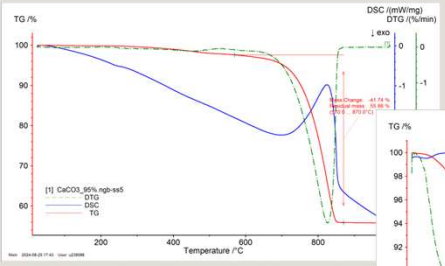


Pâte de ciment CEMI 52,5N à 7 jours

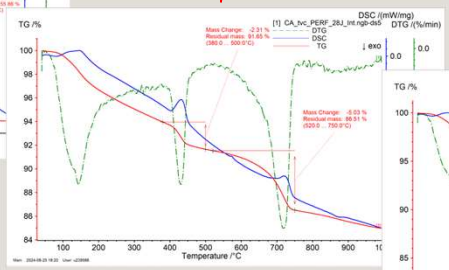


Pâte de ciment CEMI 52,5N à 28 jours

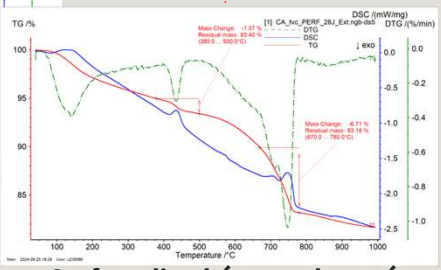
Décarbonatation : $CaCO_3 \rightarrow CaO + CO_2^{\uparrow}$



$CaCO_3$



Partie intérieure d'un béton carbonaté



Surface d'un béton carbonaté

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