

## Supplementary material

## Phase equilibria in the system $Ca_4AI_6O_{12}SO_4 - Ca_2SiO_4 - CaSO_4 - H_2O$ referring to the hydration of calcium sulfoaluminate cements

Frank Winnefeld<sup>a</sup>\*, Barbara Lothenbach<sup>a</sup>

<sup>a</sup> Empa, Swiss Federal Laboratories for Materials Science and Technology, Switzerland

Received: 10 December 2015 / Accepted: 07 January 2016 / Published online: 18 April 2016 © The Author(s) 2016. This article is published with open access.

<sup>\*</sup>Corresponding author: Frank Winnefeld, frank.winnefeld@empa.ch

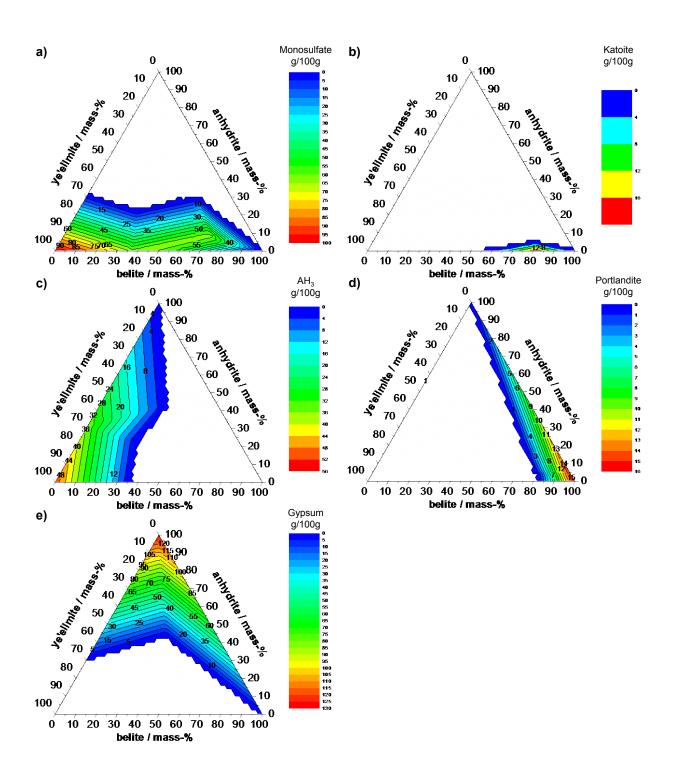


Figure S1. Ternary diagram  $C_4A_3\overline{S}$  -  $C_2S$  -  $C\overline{S}$  at 20°C. a) monosulfate, b) katoite, c) microcrystalline aluminum hydroxide, d) portlandite, and e) gypsum contents in g per 100 g unhydrated solid.