



DISCUSSION

REPLY TO THE DISCUSSION ON THE PAPER "DELAYED ETTRINGITE FORMATION: THE EFFECT OF TEMPERATURE AND BASICITY ON THE INTERACTION OF SULPHATE AND C-S-H PHASE"¹

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The authors would like to thank Drs. Bensted and Munn for their interest in our study on the interaction between C-S-H phase and SO_4^{2-} ions during hydration of the Portland cement compounds in concrete or mortar.

The authors also would like to thank Drs Bensted and Munn for their pertinent comments concerning the type(s) of bonding that arise between the sulfate ions and the Portland cement surface. They emphasize the complexity of the mechanism by which this bond is established. They suggest that there are two forms of sorption: adsorption and absorption.

In addition, the discussion provides additional insight on the formation of ettringite (delayed ettringite formation [DEF]) in high alumina cement under specific conditions.

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