

Effect of magnesium sulfate and sodium sulfate on the durability performance of plain and blended cements

Al-Amoudi Omar Saeed Baghabra, Maslehuddin Mohammed, Saadi Mahmoud M.

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Abstract: Mortar specimens made with Type I and V, and blended cements were exposed to sodium-sulfate and magnesium-sulfate solutions. Performance of these cements was evaluated by measuring expansion and determining reduction in compressive strength. Results obtained are discussed in detail.