

Thermal stresses and temperature control of mass concrete

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Abstrak

Methods of controlling mass concrete temperatures range from relatively simple to complex and from inexpensive too costly. Depending on a particular situation, it may be advantageous to use one or more methods over others. based on the author's 50 years of personal experience in designing mass concrete structures, thermal stresses and temperature control of mass concrete provides a clear and rigorous guide to selecting the right techniques to meet project-specific and financial needs. new techniques such as long time superficial thermal insulation, comprehensive temperature control, and MgO self-expansive concrete are introduced.