

**Title: Concrete Durability**

**Autor:** Paul J. Tikalsky, B Mather, J Olek

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**Abstract:** An important focus of a vision of the future of concrete should be on the longevity of pavements and structures. Technical innovations in the production, transport, placement, finishing, and curing of concrete will play a role in reducing the variation of properties from one batch of concrete to another. The emphasis in the early part of the century will be on long-term performance standards, materials, optimization techniques, the science of chemical admixtures, and advances in understanding of aggregate-paste transition zones. The latter part of the century could offer affordable defect-free concrete with the durability to stand the test of time in any predictable environment. This paper comments further on this vision.