

**Additional Test Data for ICCI Project No. 94-1/3.1A-8, "Low-Cost, High Performance Materials Using Illinois Coal Combustion By-Products"**

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ABSTRACT

The attached tables and figures represent additional test data obtained for mixtures of the ICCI Project No. 94-1/3.1A-8. These data were gathered after the final official report was issued to ICCI in September 1995. New test data include results from the following tests: (1) Sulfate Resistance (Tables 12-19 and Figures 19-22), including change in mass, length, transverse frequency and pulse velocity; and, (2) Freeze-Thaw Resistance (Tables 20-22 and Figures 23-26) including change in mass, length, transverse frequency, and pulse velocity.

The mixtures referenced in the new Tables and Figures are the same as indicated in the ICCI final report as "Air Entrained Final Concrete Mixtures". Mixture proportions and fresh concrete test results of are given in Table 8 of the final ICCI report. Long-term data collection is continuing.