

Chloride Permeability of Silica Fume Containing High-Performance Concrete
By Tarun R. Naik, William A. Olson, Jr., and Shiw S. Singh

Report No. CBU-1994-13

ABSTRACT

RESEARCH OBJECTIVE: TO EVALUATE CHLORIDE PERMEABILITY OF HIGH-PERFORMANCE (15,000 psi) SILICA FUME CONCRETE SUBJECTED TO TWO DIFFERENT CURING ENVIRONMENTS. THE CURING ENVIRONMENTS USED WERE: MOIST CURING AND VARIABLE TEMPERATURE CURING (VTCE) SIMULATING NORTH-AMERICAN SUMMER ENVIRONMENT.