

# MATERIAL SPECIFICATION

## **531. Portland Cement**

### **1. Scope**

This specification covers the quality of portland cement.

### **2. Quality**

Portland cement shall conform to the requirements of ASTM Specification C 150 for the specific types of cement. When Type I portland cement is specified, Type IS portland blast-furnace slag cement or Type IP portland-pozzolan cement conforming to the requirements of ASTM Specification C 595 may be used unless prohibited by the specifications.

When air-entraining cement is required, the Contractor shall furnish the manufacturers written statement providing the source, amount and brand name of the air-entraining component.

### **3. Storage at the Construction Site**

Cement shall be stored and protected at all times from weather, dampness or other destructive elements. Cement that is partially hydrated or otherwise damaged will not be accepted.