Abstract

Since ancient mortars were used for decorative and structural. These include gypsum, lime, pozzolan, Portland cement and currently have arisen in the international market restorers mortar structure on the basis of chemical industry development in construction. However, the durability thereof can be affected by the environment where the product is applied and its high cost limits their use for the repair and rehabilitation of structures. The research was conducted on the manufacturer of the mortar Structural restorative Cover Fs V / O, the imported product, which suggests that if you add 50% coarse aggregate performance will increase. Among the research methods used is experimentation and methods associated with mathematics and statistics. Was assessed a coarse aggregate quarry from the Antonio Maceo in the province of Matanzas, is determined at the same geometrical and physical properties, while the mortar resulting from the mixture was measured compressive strength and bending. The results showed that the properties of mortar compressive and bending vary depending on the ages that were measured in the control mortar and experimental.

Keywords

Mortars, Building Materials, Rehabilitation / structure.