

MUNICIPAL ENGINEERS, CONTRACTORS AND MATERIALS

**MORTAR OF BRICK DUST.**

It will not be without interest, says the *Moniteur de la Ceramique*, to make a note of the application of brick dust for the making of mortar. Why not, indeed, use this substance if it is good, and even economical in certain cases, as a substitute for cement? Experiments have been made with a mixture of this substance with quick lime, and blocks made of such composition, thirteen millimetres thick, after having remained submerged in water for four months, have subsisted, it appears, without cracking or breaking, a weight of 10,500 kilograms per square decimetre. One part in ten of the brick dust was sufficient to give ordinary mortars a remarkable cohesive power. This composition was serviceable for the construction of drains, reservoirs, cisterns, the tops of terraces, etc. The best proportion is one part of brick dust, one of lime and two of sand, the whole mixed dry and wet with the water necessary.

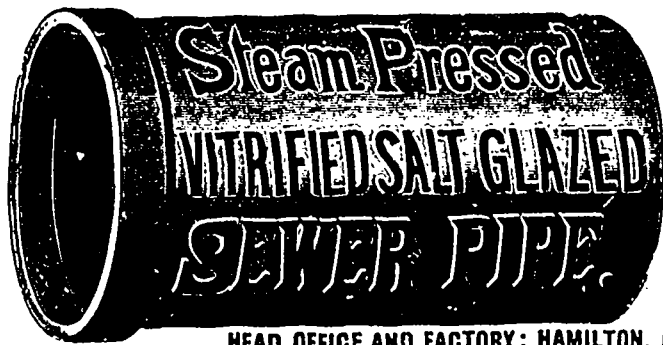
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