

live for ages and ages, improving and progressing as time goes on and will only be eliminated when the clay supply is exhausted. The achievements that have been wrought with high-class clay bricks, are almost miraculous and the observer will easily determine that the end is not yet.

To the uninitiated, a trip through the modern office of an up-to-date brick agency, will prove to him that advancement in this industry is not being neglected. Sample mantels with beautiful effects, columns massive and grand, charm while they educate and tend to impress the observer with the great possibilities of clay. But usually standing among the samples of brick and brought forth, only when the dealer is requested to produce it, is another of that family which is destined to work havoc among those who deal in this line of material for profit only. It costs little and therefore a stupendous gain is an impossibility. It is known as the **SILICA OR SAND LIME BRICK**.

SILICA BRICK.

There is some dispute as to whether **Silica Brick** is a product of German or English skill, but it is absolutely certain that more than three hundred years ago it was used by the Germans for building purposes and many of the buildings constructed by them at that time are standing now and are in an excellent state of preservation, rivaled only by the stone structures of that and other ages.

The manufacture at that time was crude in the extreme and did much to retard its progress, for, after the mixture had been prepared and pressed into shape, it was not available for use for one or two years, that length of time being required for it to cure or harden by exposure to the elements.

In the year 1867 General Howard constructed the Howard University at Washington, D. C., of this material and a remarkable edifice it is.

In 1880, Dr. Michaelias of Berlin, discovered that by exposure of the fresh brick to the action of steam, that which had taken months to accomplish, could now be accomplished in as many hours. Since this discovery, the advance in the manufacture of **Silica Brick** has been marvelous.

Winnipeg Union Station, costing 4,000,000 Dollars, five Union Schools in the same city, public buildings in Port Arthur, Tillsonburg, Waterford, Brantford and magnificent club houses and residences in Toronto, Ottawa and Montreal are built of this brick.

The United States shows her appreciation of the coming article in the brick line by erecting beautiful edifices in all of her principal