

this severe test was india rubber tiling, which, after an hour's rubbing, lost only one-sixty-fourth of an inch of its thickness. Next to this, English encaustic tile gave the best results, losing only one eighth of an inch in an hour's treatment. The artificial stone known as "granolithic" was third, losing three-eighths of an inch, while North river blue stone lost nine-sixteenths of an inch. All the marbles wore away very rapidly. A piece of marble mosaic disappeared entirely in 35 minutes, while solid white Vermont marble lost three-quarters of an inch in an hour's rubbing. Most of the wood floorings, indeed, resisted abrasion better than the marble. White pine, for example, lost only seven-sixteenths of an inch under treatment which removed nearly twice as much from solid marble. Yellow pine showed substantially the same resistance as white pine, while oak lost more than either of the pines. It would seem as if the treatment with water was hardly fair to the wooden floorings, which depend a good deal on their elasticity for resisting wear, but, even under such unfavorable circumstances, their superiority to stone is remarkable.

**A LASTING PAINT FOR GLASS.**

Windows of workshops, toilet rooms, etc., are often painted either to soften the light or shut off the view. A very lasting and uniform coat of paint is obtained in the following manner:

The glass is cleaned thoroughly with acidified water and fossil meal and a solution of 10 parts of stale beer and 1 1/2 parts of potash water glass is poured over it. After drying the glass is heated moderately and as uniformly as possible, when it is ready to receive its coat of paint, for which the following prescription is given: 100 parts (weight) of Cologne glue are allowed to soak in cold water for several hours. The water is then poured off, and the glue is put in a pot and melted. While the glue is melting, 200 parts of linseed oil is added gradually under continual stirring. The mixture has to be kept hot over a slow fire for an hour and stirred without interruption. For stirring a round stick is the best, for an angular one will produce bubbles. Then 200 parts of

slightly heated turpentine or camphor oil are added, and at last the coloring substance and 150 to 200 parts of water. All these additions have to be made slowly while stirring must not be neglected. The paint is spread on luke-warm, and is dry within six hours.

Joseph C. Berubé and Wilfrid Berubé, sculptors, Montreal, have formed a partnership.

Alex. Freniere, jr., and Eugene Marceau, painters, have commenced business in Quebec.

The beautiful polish so admired on Italian cabinet work is effected by first saturating the wood with olive oil, rubbing the surface dry, and then applying a solution of gum arabic in alcohol, rubbing it on.

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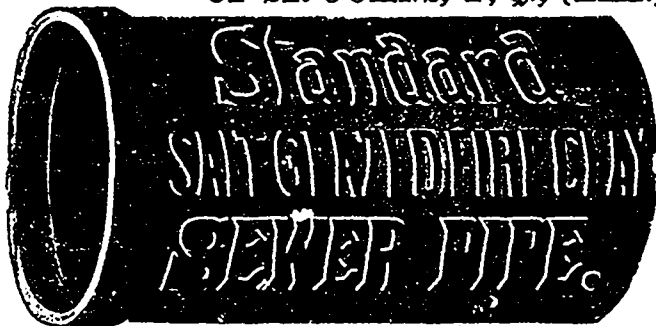
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