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(1921 -)

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Patents (details)

1 - Stucco mix

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This invention relates to a stucco mix for application on concrete, brick, wood, stone, concrete blocks, asbestos cement, masonite, plywood, gyproc and most interior surfaces.

Stucco is a known wall covering material which is extensively used in construction. It is generally made of marble dust, slacked lime, chalk and a binder. The conventional stucco is however getting expensive and it would be desirable to use less costly ingredients in the composition to reduce the price.

Applicant has surprisingly found that a good stucco of much lower cost may be made. The stucco mix, in accordance with the invention, comprises in weight % between 15% and 30% water, 15% and 30% cellulose glue, 35% and 55% calcium carbonate, 3% and 30% linseed oil, 0% and 3% resin and 0% and 0.5% or a siccativ.

The stucco mix preferably comprises about 20% water, 25% cellulose glue, 50% granular calcium carbonate, 4% boiled linseed oil, 0.5% resin and 0.5% of a cobalt siccativ.

Of the above ingredients of the composition, cellulose glue is a binder containing 100% cellulose in powder form which forms a gel with water, calcium carbonate is a filler which is made of marble dust or chalk, linseed oil is used to render the composition more consistent and to prevent cracking, resin is a varnish used to harden the composition and the cobalt siccativ or dryer is used to more rapidly dry the composition, more particularly, linseed oil and the resin.

Linseed oil is an important element of the composition as it allows the mixture to remain more consistent. If more than 10% by weight of linseed oil is used, the composition tends to turn yellow. Thus, the content of linseed oil must not exceed 10% for white stucco. However, it may be up to 30% when pigments are added to make a composition other than white.

(no drawing)