

Title (en)
PROCESS FOR DAMP-PROOFING MASONRY

Title (de)
VERFAHREN ZUR FEUCHTIGKEITSABDICHTUNG VON MAUERWERK

Title (fr)
PROCEDE D'ETANCHEIFICATION CONTRE L'HUMIDITE POUR OUVRAGES DE MAÇONNERIE

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Abstract (en)
[origin: WO9616237A1] The invention concerns a process for damp-proofing masonry, in particular for the surface sealing of internal walls, by means of waxy substances. It is known to seal masonry by means of hydraulically setting sealing slurry, however the resultant inadequate resistance to pressure water and low durability of the sealing effect have proved disadvantageous. It is further known to introduce waxy substances into blind holes in the masonry and distribute them in the capillary system thereof by heating. However, this requires partial demolition of the masonry. According to the invention, demolition-free, ecologically harmless damp-proofing of masonry which can be performed with low expenditure and has a lasting effect is achieved in that the waxy substance and/or the masonry is/are heated to temperatures above the melting point of the waxy substance, and the waxy substance is applied superficially to a large area of the masonry and penetrates the depth of the masonry during a reaction period in which use is made of the capillary forces of the masonry. The waxy substance can be introduced into the masonry (2) by providing a channel (1) which is open towards the masonry (2) and terminates therewith at the sides and base in a fluid-tight manner, the waxy substance introduced into the channel (1) being melted on.

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