

Title (en)

COATING COMPOSITION FOR CONTROLLING EFFLORESCENCE

Title (de)

BESCHICHTUNGSZUSAMMENSETZUNG ZUR KONTROLLE VON AUSBLÜHUNGEN

Title (fr)

COMPOSITION DE REVÊTEMENT POUR LUTTER CONTRE LES EFFLORESCENCES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020068649A1] The present disclosure provides a coating composition for use in controlling efflorescence in porous construction materials. The coating composition includes an acrylic polymer waterborne emulsion, where the acrylic polymer in the acrylic polymer waterborne emulsion has a Tg of 15 oC to 60 oC, and an oil-in-water silicon-based emulsion. The oil-in-water silicon-based emulsion includes an oil phase formed from compounds selected from the group consisting of an alkoxy silane, a silicone resin, polydimethyl siloxane, polymethyl hydrogen siloxane and combinations thereof, where the oil phase of the oil-in-water silicon-based emulsion based provides the only coalescing agent for the acrylic polymer waterborne emulsion in the coating composition. The present disclosure further includes an aqueous composition for controlling efflorescence in porous construction materials, where the aqueous composition includes the coating composition and water sufficient to provide the aqueous composition with a solids content of 2 to 25 wt.% based on the total weight of the aqueous composition.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020068649A1

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