

Process for preparing water-redispersible polymer powders for dry formulations of construction materials

Abstract

The invention relates to processes for preparing vinyl acetate ethylene copolymers and/or styrene (meth)acrylic acid ester copolymers in the form of water-redispersible powders for dry formulations of construction materials, characterised in that the storage stability of the protective-colloid-stabilised vinyl acetate ethylene copolymers and/or styrene (meth)acrylic acid ester copolymers in the form of water-redispersible powders is improved by drying aqueous dispersions containing protective-colloid-stabilised vinyl acetate ethylene copolymers and/or styrene (meth)acrylic acid ester copolymers, one or more water-soluble inorganic salts and one or more auxiliary drying agents, wherein the water-soluble inorganic salts are selected from the group consisting of alkali sulfates and magnesium sulfate (MgSO_4) and the auxiliary drying agents are selected from the group comprising polyvinyl alcohols, polyvinyl acetates, non-ionic polyvinylpyrrolidones, non-ionic poly(meth)acrylamides, polysaccharides and proteins.

No Figure