Aqueous Corrosion Protection Formulation Based On Silanes

Abstract

The present invention relates to a composition comprising - a specific binder containing at least one cocondensate based on at least one ω-glycidyloxyalkylalkoxysilane and a bis(alkoxyalkylsilyl)amine, - water, - alcohol in an amount of less than 3% by weight, based on the composition, - at least one addition selected from the group consisting of particulate metals, metal alloys and metal compounds and - optionally at least one additive, where the pH of the composition is from 1 to 14 and the dry residue of the binder is from 1 to 50% by weight, based on the binder used, a process for the production thereof and also the use thereof for coatings, in particular for the protection of metals against corrosion.

(No suitable figure)