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(54) **Title:** SUBSTRATE WITH ANTIMICROBIAL PROPERTIES

(57) **Abstract:** An antimicrobial substrate (glass, ceramic or metallic) coated with a mixed layer deposited by sputtering is described. The layer comprising at least one antimicrobial agent mixed to binder material chosen amongst the metal oxides, oxynitrides, oxycarbides or nitrides. This substrate presents antimicrobial properties. If a tempered and antimicrobial glass is required, the same co- sputtering process can be used, optionally an underlayer can be added. Antimicrobial properties are maintained even after a tempering process.