

ABSTRACT

WATER-DILUTABLE TWO-COMPONENT COATING COMPOSITION BASED ON EXTERNALLY EMULSIFIED ALKYD RESINS, A PROCESS FOR ITS PREPARATION, AND THE USE THEREOF

Water-dilutable two-component coating composition comprising an isocyanate component having a viscosity at 23°C of from 50 to 10,000 mPa·s consisting of one or more organic polyfunctional isocyanates, and an alkyd resin emulsion whose solid component comprises in each case proportions by mass of from 60 to 98% of an alkyd resin and from 2 to 40% of a hydroxy-functional emulsifier and which optionally comprises proportions by mass of organic solvents of up to 15%, based on the mass of the emulsion, the remainder of the emulsion being water.

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