

Method for production of a coating on a solid substrate comprising the steps of applying a liquid coating composition comprising a polyfunctional resin, a fatty acid or derivative thereof acting as a reactive diluent and optionally a curing agent and/or one or more additives, wherein the resin comprises functional groups capable of reacting with carboxyl or acyl groups of the fatty acid or derivative thereof, onto the substrate, and curing the coating by heat activation. The invention further relates to the liquid coating composition as well as a substrate comprising a coating obtained by heat activation of such a coating composition.