

A method for production of gradient structure for protection against electromagnetic radiation includes preparing not absorbing and absorbing material, followed by applying to an object which is protected against electromagnetic radiation, wherein the first the absorbing layer of the nano-composite material is applied, and then a layer not absorbing coating, thus a multilayer gradient structure is formed, with optimal total number of absorbing layers 2-5. Electrical parameters (dielectric constant, absorption coefficient) of each following absorbing layer linearly decrease.