



Properties of sandwich metals joined by explosive cladding method

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Surface protection is one of the important processes of ensuring efficient and economical use of materials for products and in constructions [1-5]. Often it is realized by applying coatings to be applied to the original surface of the material and usually have different chemical composition and structure than the base material. However, there is a significant change in the interface with physical-mechanical and chemical properties, which can create problems both in the creation of coatings, and in their application. Duplex coatings combining the modification of surface layers with the deposition of coating. Prevent sudden change of physical-mechanical and chemical properties away from the surface to the nucleus and done by the required surface properties.

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