

INTERACTION OF THE ZINC PROTECTIVE LAYER WITH AN AGGRESSIVE ATMOSPHERE

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ABSTRACT

Galvanized steel is utilized in the building, appliance and automotive industries. The coating of the iron or steel with zinc are considered among favourites due to their high weldability, resistance to corrosion, excellent varnishability, lower specific weight of coating. This work presents the results of interaction galvanized steel sheet with an aggressive atmosphere, the air/chlorine mixture. The steel utilised is obtained by dipping in the melting zinc. The effect of the interaction with this aggressive mixture was studied. The interaction of the galvanized steel with the chlorine atmosphere is strongly. This method can be utilized to the cleaning of the galvanized steel scraps before the utilization for new steel making.

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