

Abstract

The development of chrome free bricks are highly in demand as they are less harmful to the environment. In 1991, we developed chrome free bricks (MgO-Al₂O₃) and under further investigation even now. Those are used a lot and have obtained the successful results for these days. The recent improvement of chrome free bricks which shows superior coating adhesion stability, mechanical spalling resistance and low thermal conductivity is presented in this paper.