



Steel plant doubles lining lifetime in transfer ladle with HASLE D59A-Easy Flow

A Malaysian steel production plant had trouble with the lining lifetime of their 7000 kgs transfer ladle. The transfer ladle is used for transporting steel liquid from the furnace to the moulds. The tapping temperature of the steel liquid is 1650 °C and the tapping time is about 5 mins (furnace to ladle) and 30 mins (ladle to mould). Using a European competitors' self-flow castable, the steel plant was unable to achieve a lifetime of more than 70-100 heat cycles.

We recommended using HASLE D59A-EF, which has high mechanical strength and excellent shock- and abrasion resistance. With HASLE D59A-EF, the trans-

fer ladle's lining achieved an outstanding lifetime of 150 heats! The production manager reported that the castable has showed no corrosion and that slag does not stick to the lining and create build-up.

Using HASLE D59A-EF, the steel production plant will gain an overall better run factor and lower the cost of materials over time. This benefits the steel plant's bottom line and helps the environment as less raw material are needed to keep the transfer ladle in operation.

Contact us today to find out how you can extend the lining lifetime in your plant.



Ladle after 23 cycle heats



After 125 heats and still running