

Liming mass for slag pots

Liming mass protects steel ladles and prolongs their service life

Fescon's liming mass is used to protect ladles used in the steel industry from molten steel slag. The ladles must withstand the transport of molten steel from one process step to the next and they must prevent adhesion of steel slag to the surface of the ladle. The liming mass is sprayed as a uniform layer on the inner surface of the ladle to prevent adhesion of the molten steel and to facilitate the removal of the steel slag.

The liming mass is the result of our Finnish product development, and it is largely produced out of recirculated material at our Raahе plant. The liming mass has been tested and used successfully in the steel industry already for approximately 25 years.

Protecting ladles will bring significant cost savings and improve occupational safety. Protection extends service life, reduces repair costs and speeds up work. For example, steel ladles protected with liming mass do not get perforated by burning so easily thus significantly increasing the user's occupational safety.

Fescon is Finland's largest developer and manufacturer of mortar, sand and coating products and solution provider for the construction industry. We assist experts in all stages of constructions, in choosing solutions and products alike.



- 1 The ladles must withstand the transport of molten steel from one process step to the next.
- 2 The liming mass is sprayed as a uniform layer on the inner surface of the ladle to prevent adhesion of the molten steel and to facilitate the removal of the steel slag.
- 3 In addition, it is good practice to place a protective crushed layer of stone material on the bottom of the ladle, which receives the molten steel during the pour-out phase and acts as an insulating layer.
- 4 It is easier to empty the ladle and the molten steel slag becomes more easily detached.