

CASTREE KILNS

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SLAG COAGULANT

Description

Slag Coagulant is a grey, granular powder.

Function

Slag Coagulant is used for the treatment of copper alloys, iron and steel in furnaces and ladles.

Slag Coagulant contains processed metallic oxides in a definite physical phase, which exfoliates and melts at temperatures above 970°C.

Slag Coagulant coagulates the slag to form a viscous, crusty layer, which can be removed easily leaving a clean slag-free metal surface.

Slag Coagulant is an efficient thermal insulator.

The chemical composition of Slag Coagulant is closely controlled to ensure that there is no contamination of the melt and no pick-up of gas or solid particles.

Recommended Application

1. Check that the melt temperature is above 970°C.
2. Sprinkle sufficient Slag Coagulant over the surface of the melt to form a layer 2-3mm thick.
3. Wait while the material exfoliates and then coagulates to form a viscous, crusty layer.
4. Either: -
 - 4a. Remove the crust to leave a clean metal ready for pouring, or
 - 4b. Pour the metal from beneath the crust.

Packaging

25Kg poly lined sacks.

Special packaging is available upon request.

Health and Safety

Please refer to Material Safety Data Sheet MS050009

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