
ECO - SLAX

PRODUCT DATASHEET

(A slag coagulant for all forms of iron alloys including ductile iron. It is a pale blue granular powder.)

Recommended Use: For slag control on high duty grey and SG irons, where the metal temperature is high or where the metal surface is exposed to top heat, e.g. in covered ladles, reverberatory furnaces etc.

These alloys usually give a difficult slag that is awkward to handle and remove cleanly when the temperature exceeds about 1300°C (2372°F). Without control the possibility, therefore, exists that slag will be poured with the metal and give inclusions in the casting.

Purpose: ECO-SLAX coagulant will collect and coagulate these slags into a tough plastic crust. That can easily be removed or, alternatively, it may be left in place and the metal poured from beneath it. The crust will stay in place during pouring and will also provide an effective degree of heat insulation.

Instructions for Use: These recommendations apply to the surface area of approximately 45 kg ladle.

Either (1) Add 30-90g, **ECO-SLAX** coagulant to the existing slag, rabble until dry and skim off. Place a further 30-90g on the metal surface, with a view to forming a dam or bridge across the ladlelip. Allow to crust for a few moments before pouring. Do not break the crust formed

OR

(2) When tapping into carrying ladles, add 30-90g. **ECO-SLAX** coagulant to the metal stream –not the empty pot. Rabble in when the pot is full and skim clean. Add a further 30-60g. as described under (1) above.

OR

(3) Where the metal is melted under a dry cover, e.g. charcoal, it is not necessary to skim completely. The melting cover should be pushed back from the lip and 30-90g. **ECO--SLAX** coagulant sprinkled on to the cleared metal so as to form a floating dam across the lip. This will effectively hold back charcoal etc. no matter how many times the crucible is tilted, provided the dam is not broken.

Always remove the **ECO-SLAX** crust before recharging the crucible or furnace.

Advantages: **ECO-SLAX** Coagulant allows positive control of difficult slags to be obtained at the Most effective point - the lip of the crucible. Manual holding back can be dispensed with. Castings are cleaner and crucibles stay clean and last longer. **ECO-SLAX** coagulant is entirely safe to use, is free from dust and fume, does not trap metal and does not contaminate the melt in any way. Good slag control means cleaner castings and easier working.

Standard Packing: 25 kg in HDPE BAGS