

SILICON EXIM (INDIA) PVT. LTD.

Details of Application, dosage and benefits

Rice Husk Ash Flakes

Application: Rice Husk Ash Flakes are an effective ladle cover / hot top material in foundry operations in today's steel & metal industry the ensure high insulation with saving of energy.

Requirement: Normally, 400 – 500gms of our product is required for the production of 1MT of Steel.

Charging Procedure: At the start of the sequence 60 –100Kgs. (For the first heat to be charged uniformly on the surface of Ladle / Tundish). In effect, an insulation cover of around 15 – 20 mm thickness needs to be maintained initially. For each subsequent heats 10 – 20Kgs (Max.) only in areas where the operator on physical verification feels that the red molten steel is showing.

Advantages in its use:

- Most cost economic insulating powder, which preserves heat.
- Easy availability.
- Safe coarse grain structure makes it eco-friendly.
- Eliminates ladle skulking & improving refractory life considerably.
- Non-reactive with ladle or tundish.
- Prevents oxygen & hydrogen pick up.
- Economical cost & time for superheating is reduced.