

## **SILICON INDIA**

### **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.**