

FERRO 25

Strongly exothermic coating powder with excellent insulation properties after burnout. Suitable for treating top surface of all types of cast metal with casting temperatures higher than 1200°C.

Technical data: Metal Al min. 20 %
Bulk density approx. 1,00 g/cm³
Grain size 0 -1 mm

| Recommended doses: | |
|-----------------------------|------|
| Diameter of treated surface | Dose |
| mm | kg |
| 100 | 0.1 |
| 150 | 0.16 |
| 200 | 0.4 |
| 250 | 0.7 |
| 300 | 1.1 |
| 350 | 1.7 |
| 400 | 2.6 |
| 450 | 4 |
| 500 | 5 |
| 550 | 6.5 |
| 600 | 8.5 |
| 650 | 11 |
| 700 | 15 |
| 800 | 21 |
| 900 | 33 |
| 1000 | 45 |

Properties: High heat output.

The volume of powder increases by approx. 100 % during the exothermic reaction and loose ash with excellent insulating properties is formed. Higher generation of smoke.

Application: Very wide ranging use is achieved owing to a high heat output, high sensitivity and excellent insulating properties after burnout and this allows a reduction of doses for feeder head by at least 50 % compared to conventional exothermic powders. The product can be applied to all types of cast metal with casting temperatures higher than 1200 °C.

Packaging: Paper bags 25 kg each on a Europalette, max. 1000 kg/EUP.

Storage: Class II exothermic mixture, ignition point higher than 600°C, dry storage and transport.

Shelf life: 6 months

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