



Ladlecoat MC105

Ladlecoat MC105 is a high-performance refractory coating formulated for use in the preparation and protection of molten metal transfer tools such as ladles, dosing cups, and spoons in die-casting operations. It provides thermal insulation, prevents metal adhesion, and significantly extends tool life.

Applications

Ideal for use in:

- Aluminum and magnesium die-casting operations
- Ladles, crucibles, dosing spoons, and transfer vessels
- Foundries, automotive part casting, and precision components manufacturing

Key Features

- High thermal resistance
- Prevents molten metal adhesion to ladle surfaces
- Reduces heat loss and thermal shock
- Enhances metal purity by minimizing contamination
- Water-based and eco-friendly formulation

Benefits

- Improves operational efficiency by reducing maintenance
- Increases longevity of metal-handling tools
- Ensures clean metal transfer and higher casting quality
- Reduces operational costs and downtime

Key Properties

- Appearance: White to off-white slurry
- Carrier : Oil
- Specific Gravity: 1.3000 – 1.400
- Flash Point : > 170 Degree Celsius
- Base: Water-based refractory blend
- Application: Brush, spray or dip
- Drying Time: 30–60 mins (depending on ambient temperature)
- Recoating Interval: As required based on wear and frequency of use (12 Hours , 24 hours , 2-3 Days)