



CASTEZEER MANUFACTURERS MANUFACTURERS OF FOUNDRY CHEMICALS

EZEECOAT SS 256

Ready-for-use flammable zircon coating for spray, brush and swabbing application.

The product

EZEECOAT SS 256 is a ready-for-use flammable zircon coating having excellent suspension and covering properties. EZEECOAT SS 256 is suitable for use on green sand, CO₂ set and resin bonded sand moulds/cores, and for casting almost all metals including critical jobs in heavy cast iron and steel foundries. EZEECOAT SS 256 is also effective on all grades of iron, copper and nickel based composition and light alloys in green sand, sodium silicate and resin bonded moulds.

Reason to use

When casting high temperature alloys such as steel, cast iron etc, it is necessary to coat the sand surface, which come into contact with molten metal to prevent sand wash, sand erosion, metal/mould reaction and burn-on

EZEECOAT SS 256 is designed to withstand high temperature of molten metal while acting as a barrier between molten metal and a core or mould surface thereby helping in preventing sand burn on, metal penetration, wash erosion, metal/mould reaction, and other common defects when casting high temperature alloys such as steel, cast iron and non ferrous alloys.

EZEECOAT SS 256 is a carefully formulated coating to ensure a highly refractory, non-wettable and non-reactive coating layer with optimum application properties to give excellent casting finish.

Advantages

EZEECOAT SS 256

- Offers good casting finish, free from burn-on and metal mould penetration to reduce fettling costs and improve productivity.
- Does not cause any coating inclusion problems.
- Uses least toxic carriers and hence safe to use.
- Evolves very low gas during casting.
- Can be easily remixed and applied due to its excellent suspension characteristics.

Application

1. Remix the EZEECOAT SS 256 coating homogeneously before use.
2. Apply by brush or spray on mould or core surface and light off. Allow to burn out and cool to ambient temperature, before applying the second layer of coating.
3. In case of large mould/core surfaces, it is ideal to apply EZEECOAT SS 256 in smaller areas at a time followed by immediate light-off.

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Specifications

While EZEECOAT SS 256 exhibits good suspension properties, it should be thoroughly remixed before use.

Note: Water must not be added to EZEECOAT SS 256 for dilution.

Physical state	: Green slurry
Specific gravity (gm/cc)	: 1.60 -1.65 gm/cc
Viscosity	: 13 -16 sec. by B ₄ Ford Cup
Baume	: 55 - 60 min.
Settling rate	: Not more than 3 ml in 100 ml Cylinder for 1hour
Solids	: 65% (Zircon Flour)

Standard packing

EZEECOAT SS 256 is available in 30 kg pail.

Shelf life and storage

EZEECOAT SS 256 has a shelf life of 6 months. The pails are to be kept in a well-ventilated place, preferably under shade, away from exposure to sun and rain.

Precaution

1. Replace the lid of the pail immediately after use to prevent evaporation of the carrier.
2. Avoid continuous skin contact as the degreasing effect may cause local irritation.
3. Inhalation of high concentrations of the vapour can be harmful and should be avoided.



Castezee Manufacturers

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