

MOULD COAT MC 325

NATURAL INGREDIENTS SMART SOLUTIONS

Top quality tools for non-ferrous industry

The non-ferrous metals casting industry which wants to add value to their production will discover a choice of possibilities at Global Ceramic Materials. Global process MC 325, which is based on the naturally occurring calcium phosphate powder, hydroxyapatite, to help increase the working life of launders, moulds and equipment up to twice as long compared with alternatives. With this value adding tool you will have extra scope for reducing the technical depreciation of your production equipment and increasing your production yields.

Your added value of MC 325:

- doubles working life of launders and equipment
- excellent seal for seams and cracks in launders
- perfect mould coating
- easy release agent
- smoother surface of castings
- no impurities and contamination of castings
- chemically inert and free of organic matters
- excellent non-wetting properties
- very high heat resistance
- safe in usage

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MOULD COAT

MC 325

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Mould Coat MC 325, a superior protective coating

Mould Coat MC 325 is supplied as a fine powder with unique characteristics as a superior protective coating for casting of aluminium, refined copper and copper alloy. Mould Coat MC 325 is extremely suitable as a protective coating for launders and moulds. The natural calcium phosphate powder prevents the launders from early wearing and cracking and increases their life expectancy. Furthermore, this product can be used as an easy-release agent. It prevents metal from sticking to the surface of the moulds and makes it easier to remove the cast parts. In addition the material is safe, clean, odourless, smokeless and has no dust build-up during processing.

Dry application

Dry application is normally used for the protection of launders in the casthouse. Mould Coat MC 325 is applied manually in the launders as a coating to prevent the liquid aluminum from sticking to the launders, and at places that have to be repaired or where dams have to be made. Dosing can be done by hand or by brush.

Wet application

Wet application is used to protect hot moulds with a thin layer. A suspension of Mould Coat MC 325 with water is applied in the mould. Make sure that the water must be completely evaporated by the temperature of the moulds. The optimum concentration of Mould Coat MC 325 in water is 20-25 %. This suspension has to be stirred continuously and can be applied to the moulds by spray gun or brush. Furthermore this suspension is suitable for the protection of tools like casting spoons etc.

For more information about these speciality products please contact us:

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