

PERMANENT RELEASE COATING FOR OPEN MOULDS

MAINTENANCE-FREE PROCESSING OVER WEEKS

Nanocomp MI is applied thinly on the metal substrate. With the heat energy of the flowing melt, the coat sinters to a robust, elastic and inert ceramic.

No carbon content!

Nanocomp MI provides protection and release effect for highly extended service time - for several thousand castings. A coat refresh is possible and easy to handle.

Consumption is low and service time high. Coat built-up in a mould is avoided for a moulds life.

No mould cleaning intervention anymore!

The ultra-thin layer doesn't affect the heat transfer, keeping the ICM speed stable.

Nanocomp MI grants clean, shiny, non-contaminated ingots.

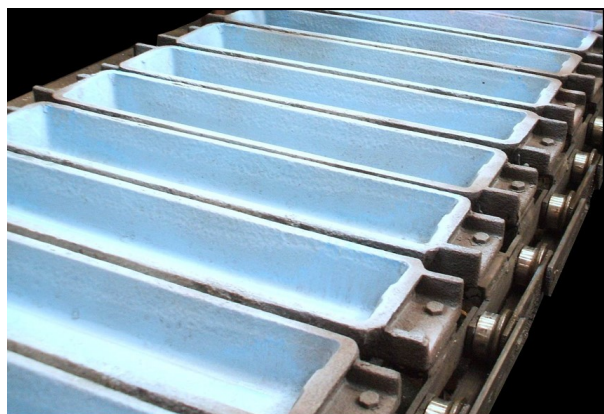
Nanocomp MI coatings are designed to be used on metal substrates. Some few kgs of Nanocomp MI replace tons of conventional release agents like graphite, boron nitride or canola oil. Nanocomp MI grants excellent heat transfer and in that way a improved ICM efficiency. No need to lower the ICM speed due to increasing coat layers. It is inert and improves ingot quality.

Nanocomp MI10 is designed for steel moulds in Ingot conveyors. It resists exceeded mould temperatures and cooling water contact. MI10 is used for aluminium, lead and magnesium melts.

Nanocomp MI18 is dedicated for not actively cooled iron moulds.

Nanocomp MI20 is designed for ferrous open moulds in sow casting of any melt.

Nanocomp MI50 is used in zinc casting



Benefit

- **No maintenance/cleaning intervention**
- **No ingot contamination (black traces)**
- **Reliable processing parameters**
- **Improved productivity**
- **Better environment**

Ceramic Coatings for efficient processing

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