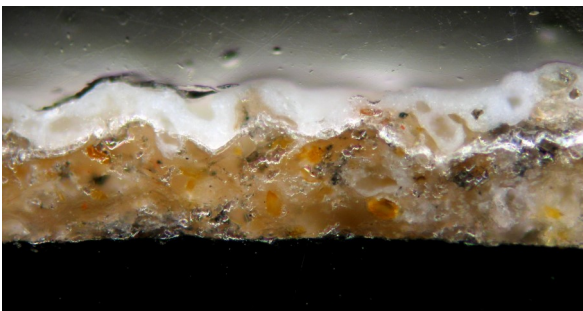


NANO-CERAMIC PROTECTIVE TOP COATING

IMPROVED PRODUCTIVITY AND QUALITY IN LPDC/GDC

Nanocomp MM is applied thinly on the insulating base coating in LPDC or GDC moulds. With the heat energy of the floating melt, the coat sinters to a robust ceramic.

Nanocomp MM provides a protective ceramic layer on the roughness of the insulating base coating. In that way it improves the robustness of the entire coating system. Service time of coating can be improved by factor 3 or more.



Nanocomp MM12 doesn't provide own roughness and insulation effect. It is applied thinly on standard base coatings for aluminium permanent mould casting. The MM12 coat should only be 5-15 μm . Consumption is very low.

The blue colour of Nanocomp MM12 turns white after sintering in situ with the melt heat while first casting.

Nanocomp MM12 doesn't affect insulation effect and roughness of base coating. It conserves these effects.

Nanocomp MM12 provides protection against chemical, thermal and abrasive wear. Service time of coating is significantly extended.

Nanocomp RIM TOP is the nano-ceramic top-coating for wheel casting.

Improvement of 200% - 700% can be expected.

3 times service is the standard expectation

Benefit

- Improved service time
- Improved product quality
- Less shot blast and coating interventions

Ceramic Coatings for efficient processing

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