

PROCESS EFFICIENCY IN ALUMINIUM WHEEL CASTING BY A LONG LASTING RELIABLE MOULD COATING

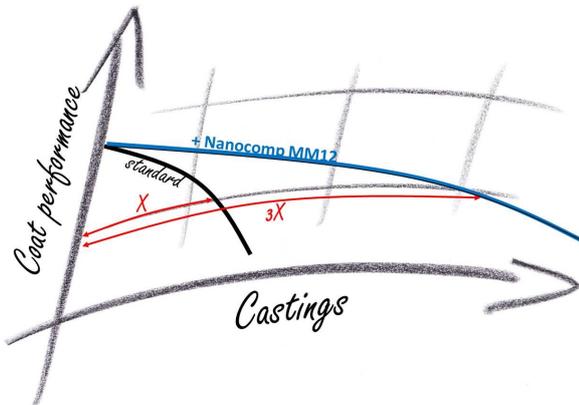
Casting 1000 wheels without shot blast intervention is a challenge in automotive wheel production. The wheel must be free of porosity, surfaces must be smooth.

Each intervention provides turbulences in processing parameters. It affects the process efficiency, product quality and productivity.

The **Nanocomp VL** Base coating grants a brilliant finishing and good mould filling.

The nano-ceramic top coating Nanocomp MM12 protects the base coat from erosion and chemical wear. It grants an extremely long service.

In that way, the challenge can be met.



Nanocomp VL was developed especially for wheel casting. It is designed for the face side of the wheel and provides a brilliant finishing. Other parties require a highly insulating coating like **Nanocomp V7HI**.

Nanocomp MM12 is a nano-ceramic top coating. It is thinly applied to protect the base coating functions by a ceramic film. Only 25-40grs of coating are required to coat the entire wheel mould.

Nanocomp MM12 provides same effect to other base coatings. It is compatible to FOSECO D39, D39ESS, D3950 as well as D140, D6 and D34.

Nanocomp MM12 exceeds the service time of the base coating by its protecting effect. In addition, it grants a smooth finishing and prevents surface irritations.

Let your process flow!

Benefit

- Reliable processing
- Tripled service time of coating **3X**
- Improved productivity
- Smooth and homogenous finishing
- Improved OEE

Ceramic Coatings for efficient processing

CeraNovis GmbH
Untertürkheimer Str. 25
D 66117 Saarbrücken

Tel.: +49 68 1500 1500
Fax: +49 68 1500 1599
✉ : sales@ceranovis.com

www.ceranovis.com

