

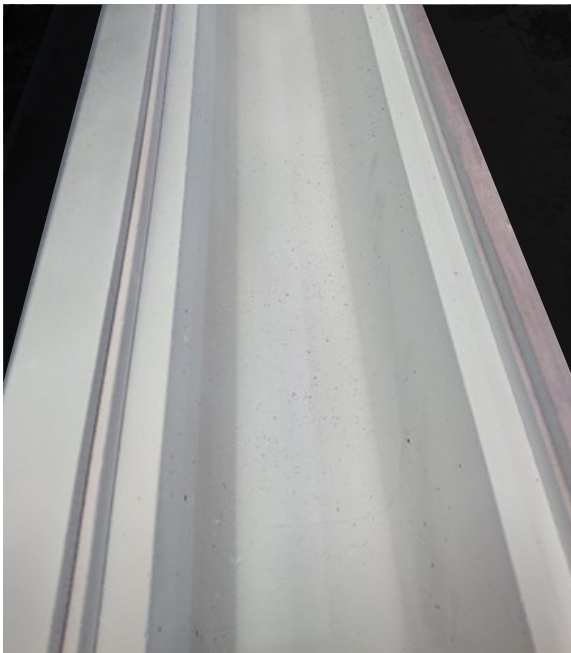
TIGHT & INERT MELT REPELLENT BN-COATING TO PREVENT REFRACTORY WEAR

Nanocomp ST-t is applied thinly on mineral substrate. It might be applied on cold substrate, but requires a heating up to processing temperature before melt contact.

In light metal production the thin coating layer of Nanocomp ST-t provides protection and repellent effect on ceramic launders, pre-casted refractory and graphite.

Whereas conventional BN coatings provide only repellence and parting effect, Nanocomp ST-t builds a tight layer on the refractory when reaching Aluminium solidification temperature.

This avoids chemical attack between aggressive alloy melts and the silicate based refractory.



Nanocomp ST-t coatings are designed to be used on ceramic or mineral substrates. These coatings resist and prevent chemical attack and erosion at melt temperatures of 700-850°C.

Nanocomp ST50-t provides a gas tight layer at high temperatures. It is designed for graphite substrates to avoid oxidation.

Nanocomp ST55-t provides a tight layer like a glass when reaching temperatures above 600°C.

It is designed to build an effective barrier between aggressive alloys and silicate based refractory.

Nanocomp PS55 is designed for transport of Aluminium alloys with Mg or Sr content in launders and troughs.

Benefit

- Less wear of refractory
- Reliable processing and protection
- Low material consumption
- No contamination of melt
- Repellence effect

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