

## SEMI PERMANENT COATING FOR FAUCET CASTING

### **IMPROVED PRODUCTIVITY AND QUALITY IN LPDC/GDC**

**Nanocomp BC** is a ceramic mould coating designed for brass permanent mould casting.

This coating resists harsh temperature shock of brass melt contact followed by water bath cooling. It can be applied at low mould temperature and it is waterproof.

Nanocomp BC coatings can be setted conductive or insulating. With improved insulation, casting defects like cracks can be avoided. The control of directed solidification and the reduction of casting defects is the mission of BC Coatings.

This improves quality cost situation and productivity.

Nanocomp BC Coatings replace Graphite and reduces burden of men, machine an environment by graphite dust.



**Nanocomp BC11** is a conductive coating providing good melt flow properties and rapid solidification for many castings. This coating provides productive conditions for castings non-sensitive to cracks.

**Nanocomp BC13** is a insulating coating. This provides good melt flow properties and damps the shock while solidification. In that way it avoids warm cracks in brass casting.

**Nanocomp Z-Ex** is a zinc remover. This liquid is sprayd on the ceramic coating and remove zinc layers. This improves melt flow and avoids casting defects.

**Nanocomp BC coatings substitute graphite powder and provide control on brass casting process in LPDC and GDC. Reject rates can significantly be reduced. This leads to reduced quality cost and higher output.**

#### Benefit

- Improved product quality
- Reduced reject rate
- Reduced quality cost
- Improved productivity
- „white foundry“

*CeraNovis supports implementation of BC system.*

*Ask the CeraNovis team or your CeraNovis dealer for advice.*

### **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

