



HeBoCoat® 10WF is a highly concentrated water-based Boron Nitride coating incorporating inorganic binder. The phosphate binders ensure particularly effective adhesion to metallic surfaces, even at high temperatures.

- Advantages**
- ▶ Good surface protection
 - ▶ Excellent release properties
 - ▶ Reduces component wear
 - ▶ Increases service life of tools
 - ▶ Easily identified due to turquoise colour pigments
 - ▶ Easy to process
 - ▶ Economical in use

- Properties**
- ▶ Prevents melt adhesion to equipment and tools
 - ▶ Refractory binder provides excellent surface adhesion
 - ▶ Low abrasion
 - ▶ Temperature resistant up to 900 °C in air

- Typical Areas of Application**
- ▶ Coating of casting tools such as skimmers and ladles

- Recommendations for Processing**
- ▶ Applied by painting or spraying
 - ▶ Stir / shake coating prior to use
 - ▶ If required further dilution with water is possible
 - ▶ Apply on clean, dust and oil free surfaces
 - ▶ Apply in thin and covering layers to ensure good surface adhesion
 - ▶ Spraying onto warm surfaces (150-200 °C) improves the spray result and shortens the drying time
 - ▶ Re-coat as and when required
 - ▶ Ensure the **HeBoCoat® 10WF** coating has fully dried prior to bringing it into use
 - ▶ Brushes and tools can be cleaned with water



- Technical Data**
- ▶ Colour: turquoise
 - ▶ Solids content: 40 %
 - ▶ Boron Nitride: 17 %
 - ▶ Binder: Aluminium Oxide and Phosphate
 - ▶ Density: 1.27 - 1.33 g/cm³
 - ▶ pH-value: 1.7 - 2.3
 - ▶ Coverage: 15 -25 m²/kg

- Packing Units**
- ▶ 1 kg, 10 kg in PE-containers



- Storage and Safety**
- Store in dry conditions, avoid frost. Minimum shelf life 12 months if stored in original packaging and appropriate conditions. Due to the high binder content small agglomerates may form which in no way affect the quality of the product. For further information please refer to the current safety data sheet.

The data quoted in this leaflet are typical for the material. They are intended as a guide only and should not be used in preparing detailed specifications. Actual product data may deviate from the figures given. We reserve the right to alter product data within the scope of technical progress and new developments. Since processing involves factors that are beyond our control, recommendations made in this leaflet should be checked by preliminary trials, especially for third party applications. These recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, from clarifying the situation.