

HeBoCoat® 20W is a pure, water based Boron Nitride coating with organic binder, resulting in excellent surface wetting and adhesion.

- Advantages**
- ▶ Good surface adhesion
 - ▶ Excellent lubricant and release properties
 - ▶ High Boron Nitride content
 - ▶ Easy to use
 - ▶ Economical in use
- Properties**
- ▶ Release agent preventing the adhesion of molten metals, glass and polymers
 - ▶ Excellent surface wetting and adhesion to the vast majority of surfaces and substrates
 - ▶ Organic binders decompose between 200 °C to 500 °C
 - ▶ Temperature resistant, up to 900 °C in air
 - ▶ Temperature resistant, up to 2000 °C under inert gas/vacuum
- Typical Areas of Application**
- ▶ Non-stick coatings for crucibles used in dental casting processes
 - ▶ Release agent for silicon infiltration processes
 - ▶ Protection of graphite components
 - ▶ Release agent for pressure sintering
 - ▶ Anti-Seize protection at high temperatures

- Recommendations for Processing**
- ▶ Applied by painting and spraying (including by pressure spray gun)
 - ▶ The desired viscosity is adjustable by the addition of water
 - ▶ Shake well before use
 - ▶ Apply only to clean, dust and oil free surfaces
 - ▶ Apply in thin coatings to ensure best surface adhesion
 - ▶ Ensure coating has fully dried before bringing it into service
 - ▶ Brushes and tools can be cleaned with water



- Technical Data**
- ▶ Colour: White to amber
 - ▶ Solid content: 23 %
 - ▶ Boron Nitride: 20 %
 - ▶ Binder: Polymer
 - ▶ Density: 1.12 g/cm³
 - ▶ pH-value: 7
 - ▶ Coverage: 12-17 m²/kg

- Packing Units**
- ▶ 10 kg in PE packaging
- Different packing units available on request.



- Storage and Safety**
- Store in dry conditions and protect from frost. Minimum shelf life 12 months if stored in original packaging and under appropriate conditions. 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.