



HeBoCoat® 21E is a Boron Nitride spray supplied in a practical aerosol can. Its ethanol base enables quick drying and good substrate wetting. The organic binder ensures excellent adhesion. The use of fine Boron Nitride powder particles provides good lubricating and release properties, also at high temperatures. It is frequently used in the aluminium extrusion sector.

- Advantages**
- ▶ Quick drying due to the ethanol solvent base
 - ▶ Good surface wetting
 - ▶ High Boron Nitride content
 - ▶ Easy to use
 - ▶ Maximum effectiveness even when used sparingly
 - ▶ Higher level of cleanliness compared to other release and lubricating agents
- Properties**
- ▶ Good surface adhesion due to the film-forming properties of the binder
 - ▶ At approximately 250 °C the binder decomposes, leaving a pure Boron Nitride coating with excellent lubricating and release action
 - ▶ Temperature resistant up to 900 °C in air
 - ▶ Temperature resistant up to 2000 °C under inert gas/vacuum
- Typical Areas of Application**
- ▶ Coating of press tools in the aluminium extrusion sector
 - ▶ Release agent for sintering, anti-spatter
 - ▶ Release agent and lubricant in the manufacture of glass and polymers
 - ▶ Release agent and protection against carburisation during the sintering of diamond tools
- Recommendations for Processing**
- ▶ Shake well before use
 - ▶ Apply only on clean, dust and oil free surfaces
 - ▶ Spray distance approximate 20 cm
 - ▶ Thin coatings achieve better adhesion
 - ▶ The **HeBoCoat® 21E** coating has dried when no solvent odour can be detected
- Technical Data**
- ▶ Colour: White
 - ▶ Solid content: Boron Nitride
 - ▶ Binder: Polymer
 - ▶ Solvents: Ethanol
- Packing Units**
- ▶ 500 ml tin can
 - ▶ 12 tin cans in a box



Storage and Safety This product is highly inflammable and in the context of transport regulations falls under the dangerous goods classification. Keep cool and dry. Minimum shelf life 36 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.