HeBoCoat® PL-EA 125

Power **L**ine - **E**thanol **A**cetone + **BN**·10

HeBoCoat® PL-EA 125 is a Boron Nitride coating in an ethanol and acetone base with the addition of an inorganic binder. The high temperature adhesive properties of the coating to metallic substrates, glass, ceramics and graphite are excellent.

Advantages

- Quick drying due to the solvent base
- Good surface wetting
- Easy to process
- Economical in use

Properties

- Excellent surface adhesion due to the inorganic binder
- Excellent lubricating and release properties even at high temperatures
- Prevents the adhesion of metal, glass and polymer melts
- Temperature resistant up to 900 °C in air
- Temperature resistant up to 2000 °C under vacuum/inert conditions

Typical Areas of Application

- Release agent for sintering, welding and soldering applications, anti-spatter
- Protection of graphite components against reactions

Recommendations for Processing

- Applied by painting or spraying
- The suspension is ready to use
- Shake well before use
- Apply only on clean, dust and oil free surfaces
- Thin coatings achieve better adhesion
- Ensure the **HeBoCoat®** PL-EA 125 coating has fully dried prior to bringing it into use
- The coating has dried when no solvent odour can be detected
- Brushes and tools can be cleaned in ethanol

Technical Data

Colour:	White
Solids content:	22.5 %
Boron Nitride:	12.5 %
Binder:	SiO_2
Solvents:	Ethanol, Acetone
Density:	0.86 - 0.89 g/cm³
Coverage:	6 m²/kg approximately

Packing Units

- 2.5 kg in PE-containers
- 10 x 2.5 kg PE-containers per 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 24 months if stored in original packaging and appropriate conditions. For further information please refer to the current safety data sheet.

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