

Boron Nitride “BN” “E-Z Coat II™”

E-Z Coat II™ is Rex Materials' premium boron nitride coating for refractory and other material surfaces. It is formulated for maximum release properties giving you a very non-wetting and non-reactive coating.

E-Z Coat II™ is ideally used as a lubricant for its non-wetting property to molten metals such as Aluminum, Magnesium and Zinc. Field trials prove the E-Z Coat II™ adheres better than the competition.

Surfaces to be coated must be clean and free of loose particles and dust. Stir well before applying. Curing takes place through normal air drying.

E-Z Coat II™ reduces maintenance time of refractories and arrives ready to use although you can dilute it depending on your application and preference. Apply to a variety of substrate materials including ceramics, metals and graphite with a paintbrush or spray. For smaller parts, you can dip them into the E-Z Coat II™ container.



Typical Properties

Appearance	Light Green Paint
Composition	%85 BN and %15 Other Inorganic
Weight Per Gallon, kg	4.1
Volume Per Gallon, lt	3.8
Approximate Coverage, m ² /gal	37
Maximum Service Temperature, °C	982
Resistance to Molten Aluminium	Excellent

Features

- Excellent adhesion to the application surface.
- Non-wetting for liquid Al, Mg and Zn.
- Cost effective.
- Reduces maintenance time.
- Easy to use.
- Safe, water-based, no VOC's



E-Z Coat II™, can be used in oxidizing atmospheres up to 982°C, vacuum temperatures 1399 °C and inert temperatures 1816 °C.

Storage and Shelf Life

After E-Z Coat II™ has been applied to refractory or other material surfaces, reseal the containers for proper storage. The product should be stored between 4°C and 32°C. Under these conditions, the normal shelf life is one year

The values given herein are typical average values obtained in accordance with standard test methods and subject to normal manufacturing variations. They are supplied as a technical data and may change without notice. Contact with our company to obtain detailed information.