

BreeZ® Sealer BN201

Water-based

Description

BreeZ® Sealer BN201 is a NON VOC high modulus, clear, flexible film with superior substrate adhesion that forms a protective shield on the mold or tool surface. As a conditioner, BreeZ® Sealer BN201 is designed to treat both the chemical and physical bonding sites found on every “raw” mold surface. In addition, BreeZ® Sealer BN201 provides the base needed to extend the life of the release coating and will allow optimal performance from the release coating.

Why BreeZ?

In comparison with other existing water-based sealers the BreeZ® Sealer BN201 is unique and exceptional with a curing time of only 15 minutes between coats at room temperature (20°C / 50% RH); However we recommend a short post-curing at higher temperature after final coat. The BreeZ release system is based on a new, stronger water-based polymer specified and tested for production of blades to the Windpower Industry Worldwide. Both Sealer and release has same working- & application-procedures – only difference is an immediate wiping-off of the Sealer (no waiting needed). As always, mentioned curing times are minimum times, and should be adjusted to Environment (high humidity (+55% RH) = less evaporation of water = longer curing).



Uses:

- Sealer BN201 overcomes micro-porosity in mold surfaces.
- Sealer BN201 eliminates the break-in time for new molds and/or tools.
- Sealer BN201 restores a uniform surface when used over a mold repair or patch.
- Sealer BN201 protects the surface of the mold from styrene emission and abrasion, therefore extending the useful life of the mold.

For worn out surfaces in very poor condition, we also recommend our “BreeZ® primer MPP 2698W” before sealer and release treatment!

How to use BreeZ® Sealer BN201

1. Apply Sealer BN201 to a small area of the mold using a Bounty® paper towel, clean lint free cloth or wet mop.
2. While still wet, gently wipe dry using a separate clean Bounty® paper towel, lint free cloth or dry mop.
3. Make sure entire mold surface is coated in this manner, slightly over-lapping the last coated area if you are applying in sections. Be certain that all contours are adequately coated. Allow a minimum of 15 minutes cure time before application of the next coat.
4. Apply a second coat of Sealer BN201 in the same way and wait for a minimum of 15 minutes.
5. Study chart above and apply appropriate number of coats.
6. After the final coat, curing at elevating temperature is required. (15 min. at 100°C. / 1H at 70°C. / 2H at 50°C./ 12H)

Mold type:

Metal molds

Polyester, gelcoat, epoxy, aluminum:

Epoxy tooling block, Bondo, oxidized gelcoat mold
 “Green” or patched molds (after proper curing-24 hours minimum)

Number of coats of BreeZ® Sealer BN201:

3-4

2-4

8 or more

6

NOTE! This product is PFAS-free (none fluorinated chemistry is used in this product!)