

DBN Drache Boron Nitride - Potential Application Mistakes

The following table shows some hints to solve most common problems when applying Drache Boron Nitride coatings.

Problem	Cause	Solution
Coating peels off	Coating is too thick	Dilute coating so that the layer thickness does not exceed 100 µm.
Coating does not adhere to the surface	Bad surface conditions	Clean and degreased surface, eventually by grit blasting, warm surface prior to application to 100 - 150 °C.
Further layers do not stick to the first layer	First coating is not yet completely dried	Extend drying time, remove loose particles and coat again.
Coating peels off and cracks	Coating is too thick	Use a higher dilution ratio so that thinner layers can be applied.
Uneven application when spraying	Coating is not stirred up; spray gun is led jerkily and not homogeneous	Stir coating thoroughly or use mixer. Move the spray gun evenly.
“Dusty” or rough surface appearance	Surface is too hot	Let surface cool down further prior to application or use a higher dilution by adding more water.