

## Case Study

# Ionbond

## Best-in-class Sabre installed at Ionbond's demonstration centre.

Based in Switzerland and operating 35 coating centres in 15 countries, Ionbond provides thin-film coating services designed to improve the durability, quality, functionality, efficiency and aesthetics of tools and components, including cutting tool inserts.

In fact, it's one of the largest providers of hard, wear resistant and low friction coatings, offering PVD, CVD and PACVD services and equipment worldwide.

Ionbond have installed a Vapormatt Sabre wet blasting system in their demonstration centre in Switzerland. Their demonstration centre only features best-in-class equipment emphasising Vapormatt's position as world leaders in edge preparation and pre and post coating technologies for cutting tool inserts.

Joe Haggerty, CEO at Ionbond when the Sabre was installed, commented: "Wet blasting is the preferred surface finishing option for coating specialists. Vapormatt's Sabre enables excellent controllability and reproducibility during the process. This is essential when it comes to carbide insert manufacturing where quality needs to be both consistent and measurable. For this reason, it is only fitting that the Sabre joins other innovative and industry-leading technology as a valued addition to our demonstration centre."

The Sabre was developed in response to customer demand for a system that serves small to medium volume insert manufacturers, coating centres and R&D facilities with a cost-effective, high performance wet blasting system that significantly enhances insert life through edge preparation and pre and post coating processes.

The unique nozzle arrangements of the Sabre focus blast guns on the critical faces and cutting edges, delivering consistent and controllable results. This ensures total coverage of inserts, offering edge radii within +/-5µm tolerance of specification and a HF1 surface finish that dramatically improves coating adhesion. With the option to fit both Y and X axis nozzle arrangements the Sabre not only offers great customisation for the user but also provides hybrid functionality too.



Vapormatt Sabre