

kolb CarrierSeal[®]

Making coating residues removal easy

Contaminated coating carriers -> cleaning inevitably necessary

Due to coating residues carriers lose their process reliability



Conventional cleaning

Laborious, tedious with hazardous substances – and mostly manual



HAND PROTECTION



PROTECTION WEAR



HALF MASK RESPIRATOR



EYE PROTECTION



kolb detergents for conventional cleaning

RemoCoat® Basic & RemoCoat® Plus



RemoCoat® detergents are coating removers usable for solder carriers, coating carriers, palettes and metal surfaces.

RemoCoat® detergents remove coatings such as parylenes, epoxy resins, acrylic lacquers and polyurethane.

CarrierSeal® -» a liquid sealing for coating carriers



Varnish residues, which normally stubbornly adhere directly to the tools or in the chamber of a coating system **can be removed by simply peeling off the sealing film.**

CarrierSeal® is heat-and solvent-resistant.

CarrierSeal® is classified as non-hazardous!

A last cleaning the conventional way

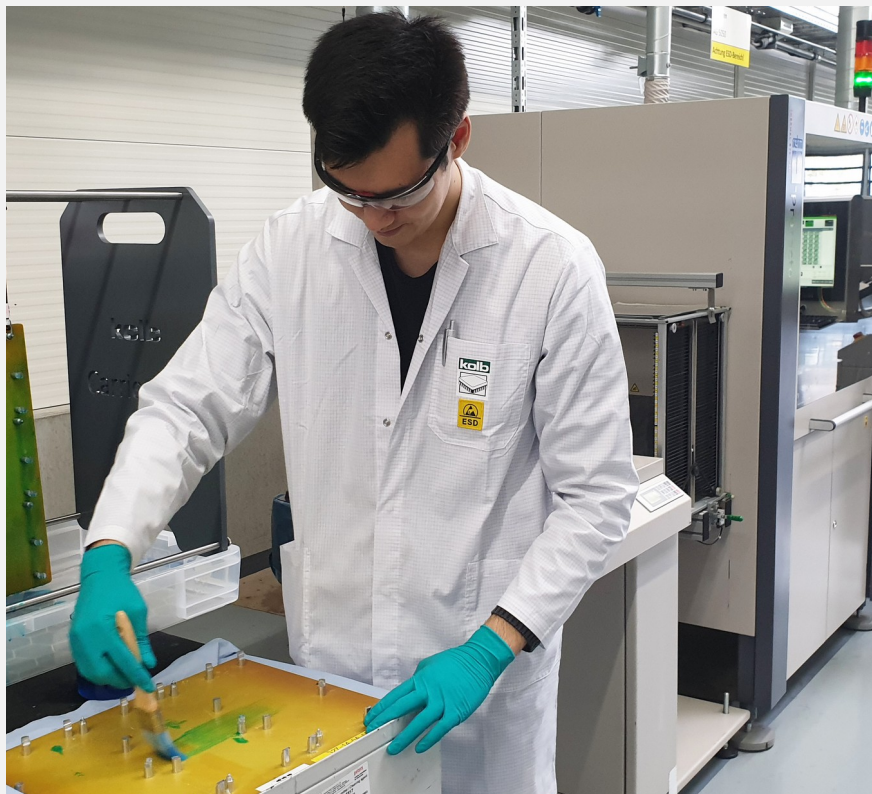


Before you start:

Contaminated carriers or chamber parts of coating systems must first be thoroughly cleaned the „old“ way.

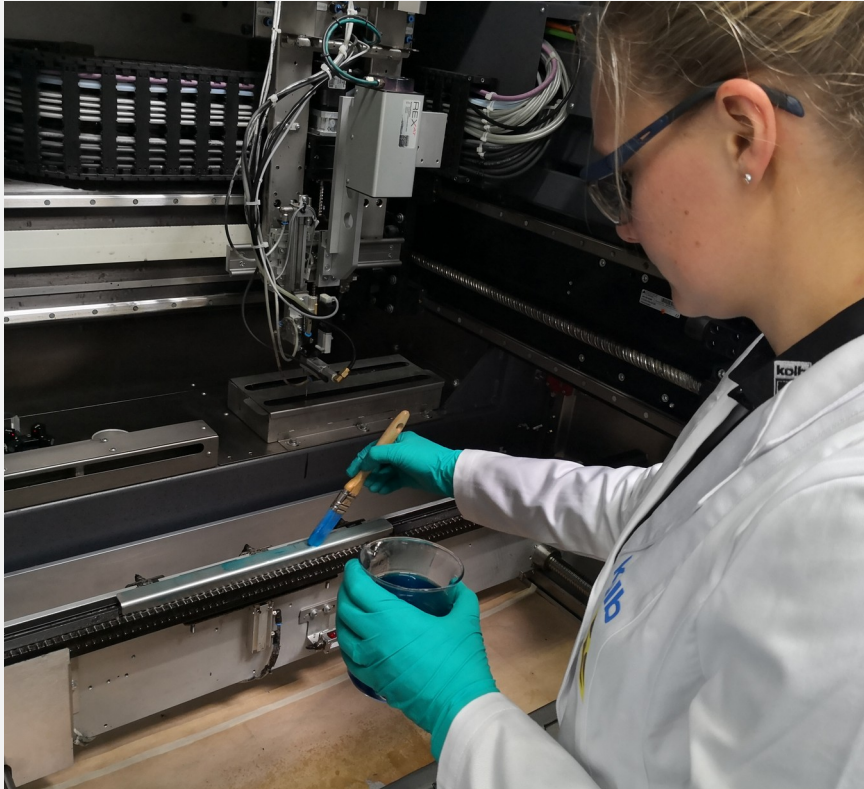
Surfaces to be sealed have to be clean, dry and free from any dust and dirt.

Working with kolb CarrierSeal®



With a brush with synthetic bristles the slightly pasty CarrierSeal® liquid is distributed evenly and comprehensively on the carrier and its mounted build-ups.

Working with kolb CarrierSeal[®]



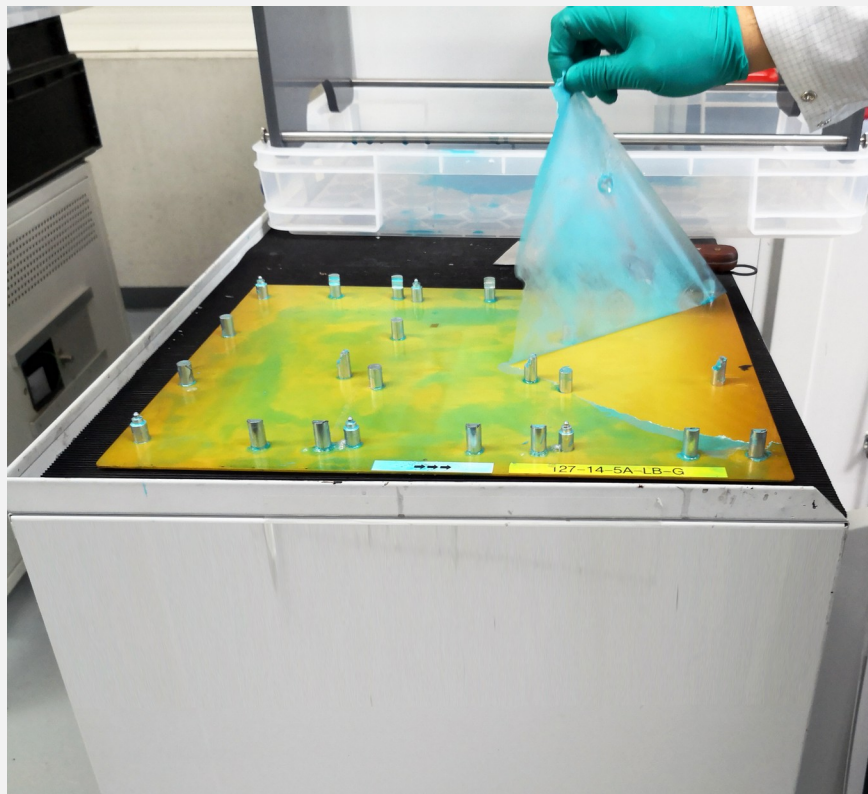
Or distribute **kolb** CarrierSeal[®] in the same way on the areas / machine parts that you want to seal.

Working with kolb CarrierSeal[®]



The sealing liquid has to dry now for approx. 1-2 hours at room temperature or 10 minutes at 90 °C (in peaks also up to 120 °C) in a drying chamber, a drying oven or with the drying program of a common electronic cleaning system.

Working with kolb CarrierSeal[®]



If sealed coating carriers or chamber elements are as heavily contaminated by varnish residues that optimal function is no longer guaranteed, these residues can be quickly removed by simply peeling off the CarrierSeal[®] sealing.

Cleaning off CarrierSeal® with a cleaning system

Comfortable, thorough, fast



The CarrierSeal® sealing can also be easily cleaned off mechanically **in a suitable electronics cleaning system.**

Especially for coating carriers with many structures and build-ups where it is still a little laborious to remove film residues this is extremely convenient and time-saving.

For machine cleaning, it is recommended to use **a pressure spray system** with vertically operating rotors and a warm or hot air drying unit, **which normally cleans stencils or assemblies.**

Machine cleaning CarrierSeal®

Perfectly suitable: e.g. **kolb** PSE300 HD economy stencil cleaning system



The cleaning time e.g. in a **kolb** PSE300 HD economy system for stencil cleaning with **kolb** MultiEx® N7 detergent takes about 30 - 60 minutes.

For machine cleaning the carriers are fixed in a conventional washing frame.

A mandatory option

DeSealing prefix filter

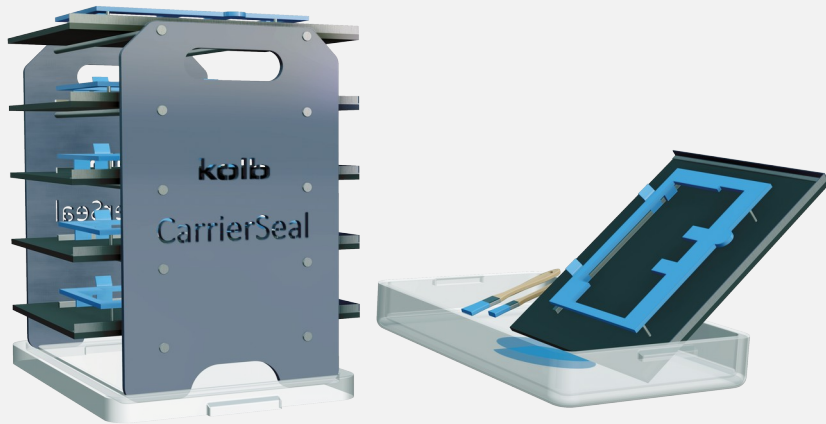


As the coating residues do not dissolve but separate during the cleaning process, the cleaning system used must have a "DeSealing" prefix filter option.

All **kolb** systems suitable for cleaning CarrierSeal® can be ordered with a DeSealing option. Already existing systems can be retrofitted.

The kolb CS Workmate

Making the sealing comfortable



Parts included:

Lid - as a base for the drying rack

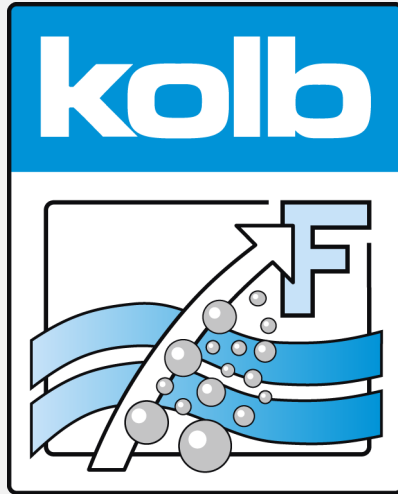
Drying rack - consisting of 2 side panels and 10 storage bars with screws

Bottom - as a working tub for the sealing process

The CS Workmate unit also includes two brushes (25 and 38 mm) with synthetic bristles and the assembly instructions.

kolb CarrierSeal[®] is available in 1l and 10l units





CLEANING TECHNOLOGY

Made in Germany