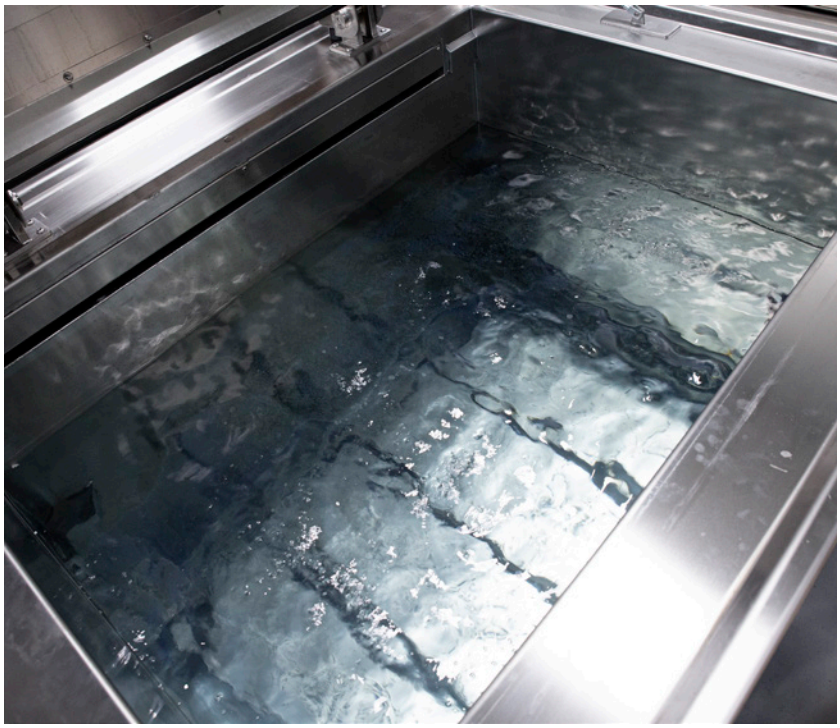
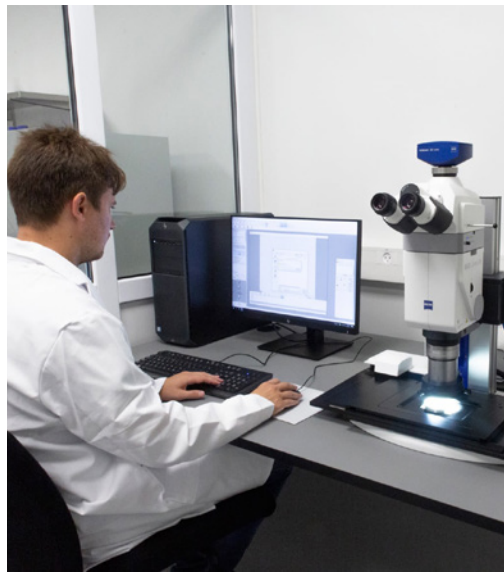
EPOXY CLEANING SYSTEMS

ANMASI GROUP

1967-
2024





ABOUT ANMASI

Over the years, Anmasi Group has developed specialized expertise in cleaning parts and tools contaminated with epoxy, paint, and adhesives. This means we offer a wide range of standard solutions tailored to these specific tasks. These solutions typically involve machines from our product range, where the design and choice of components have been adapted to handle epoxy cleaning.

Using the right components is crucial in this application. Otherwise, pumps, sensors, and other moving parts can be damaged by the harsh environment typically found in epoxy cleaning processes.

When it comes to epoxy cleaning, we typically work with removing:

- Uncured liquid epoxy
- Cured epoxy
- Adhesives
- Epoxy-based paints
- Loctite
- Composite materials
- PUR (Polyurethane)
- HDPE and LDPE materials

We have delivered over 200 machines worldwide for cleaning parts and tools from the above mentioned contaminants. If you have a specialized cleaning task, feel free to contact us.

The cleaning systems and ultrasonic cleaners we supply for epoxy removal are used across various industries, including:

- Automotive
- Wind power
- The composites industry (e.g. filament winding machines)
- Building materials manufacturing
- Window production
- The defence industry (e.g. rocket manufacturing)
- Lightweight bottle production (e.g. diving and gas cylinders)
- Battery production
- Electronics

Our experience with a wide range of industries and various types of epoxy and composite materials gives us a solid foundation – to your advantage. We know which components should be included in the machine, and how it should be built and operated to ensure a smooth and trouble-free production process.

All our solutions are designed to replace acetone and other hazardous solvents, which are still commonly used today. This provides customers with an environmentally friendly, often water-based solution that is future-proof.

Before / After

Before / After

CLEANING SYSTEMS

At Anmasi Group we are working with two types of machines, depending on the type of resins and adhesives we must remove. Both models are customized for working with these contaminants and our own tailored solvents to ensure the best cleaning results.

Ultrasonic cleaning systems

This is our standard model for resins and adhesives, its designed with both work environment and efficiency in mind which means the whole system includes a large fume hood to ensure we encapsulate the process during cleaning.

This solution is recommended in case we have:

- Fully cured epoxy resins and adhesives
- Complex parts and tools with threaded holes
- Solvents which are not sprayable
- Water-mixable solvents and concentrated ones

Spray washing systems

Our modified high-end multi-stage spray washing system is designed for harsh environment and removing epoxy and adhesives efficiently from parts, such as filament winding tools.

This solution is recommended in case we have:

- Uncured and semi-cured epoxy and adhesives
- Liquid form /flowing epoxy
- Sensitive tools
- Simple parts and tools
- Water-mixable solvents

CHEMICALS →

Anmasi Group has, over the last decade, developed an extensive product range of chemicals designed for removing epoxy, adhesives and paints. All the chemicals are developed with the workers in mind who are exposed to chemicals every day when working in the composite industry.

We have for many years been at the front, when it comes to replacing chemicals such as acetone and similar dangerous solvents in production companies all over the world!
(Overview on the next page →)

Because of this almost all our chemicals are:

- Non-flammable (no ATEX required)
- Non-hazardous
- Ensures a good work environment
- Water-mixable or water based
- Efficient and tested in the composite industry

SPRAY

PAINT REMOVER

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-50%			X		
Paintaway 5000	All types of paint	Strong Alkaline					X	X		X	60-90	25-50%	X		X		

GLUE

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-50%			X		
Paintaway 5000	All types of glue except hot-melt	Strong Alkaline					X	X		X	60-90	25-50%	X		X		

Epoxy

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Uncured/non fully hardened Epoxy, single components of 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-50%			X		
Epoxycleaner 2000	Epoxy glue, PU glue	Neutral	X	X	X	X	X	X	X	X	20-40	100%					

IMMERSION / MANUEL

PAINT REMOVER

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 1000	All types of paint. Highly resistant/ anti-graffiti paint.	Highly Alkaline	(X)			(X)	X	X	X	X	20-80	100%			X		X
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 4000	Acrylic/Water-based and polyester/ powder paint, printing paint	Neutral				X	X	X	X	X	20-50	100%					
Paintaway 5000	All types of paint.	Highly Alkaline					X	X		X	60-90	25-50%	X		X		
Paintaway 6000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					
Paintaway 7000	All types of paint.	Alkaline	(X)	(X)	(X)	(X)	X	X	X	X	50-80	25-100%	X		X		

GLUE

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic/water-based glue, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 5000	All types of glue except hot-melt	Strong Alkaline					X	X		X	60-90	25-50%	X		X		
Paintaway 6000	Alternative to NMP, NEP, acetone, chlorinated solvents	Neutral	X	X	X	X	X	X	X	X	15-25	100%					
Epoxycleaner 3000	Epoxy glue, PU glue	Neutral	X	X	X	X	X	X	X	X	20-70	100%			X		

EPOXY

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 6000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					
Epoxycleaner 2000	Epoxy glue, PU glue	Neutral	X	X	X	X	X	X	X	X	20-40	100%					
Epoxycleaner 3000	Epoxy glue, PU glue, Acrylic glue	Neutral	X	X	X	X	X	X	X	X	20-70	100%			X		
Paintaway 6000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					

ULTRASONIC

PAINT REMOVER

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 1000	All types of paint. Highly resistant/ anti-grafiti paint.	Highly Alkaline				X	X	X	X	X	20-80	100%					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 4000	Acrylic/Water-based and polyester/ powder paint, printing paint	Neutral				X	X	X	X	X	20-50	100%					
Paintaway 5000	All types of paint.	Strong Alkaline					X	X		X	60-90	25-50%	X		X		
Paintaway 6000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					

GLUE

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 5000	All types of glue except hot-melt	Strong Alkaline					X	X		X	60-90	25-50%	X		X		
Paintaway 6000	Acrylic/water-based glue, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					
Epoxycleaner 3000	Acrylic/water-based glue, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	20-70	100%			X		

EPOXY

Product name	Areas of use	Type	Cu	Zn	Brass	Alu	Cast Iron	Steel	Stainless	Plastic	Temp	Dosage					
Paintaway 2000	Acrylic and Polyester-Paint, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	50-70	25-100%			X		
Paintaway 5000	All types of glue except hot-melt	Strong Alkaline					X	X		X	60-90	25-50%	X		X		
Paintaway 6000	Acrylic/water-based glue, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	15-25	100%					
Epoxycleaner 3000	Acrylic/water-based glue, uncured Epoxy and PU, incl. 2K	Neutral	X	X	X	X	X	X	X	X	20-70	100%			X		

ANMASI GROUP

HEADQUATERS
GRINDSTED / DENMARK

Fluid filtration by
FILCO

FILTRATION SYSTEM
KJELLERUP / DENMARK

Precision cleaning by
ANMASI

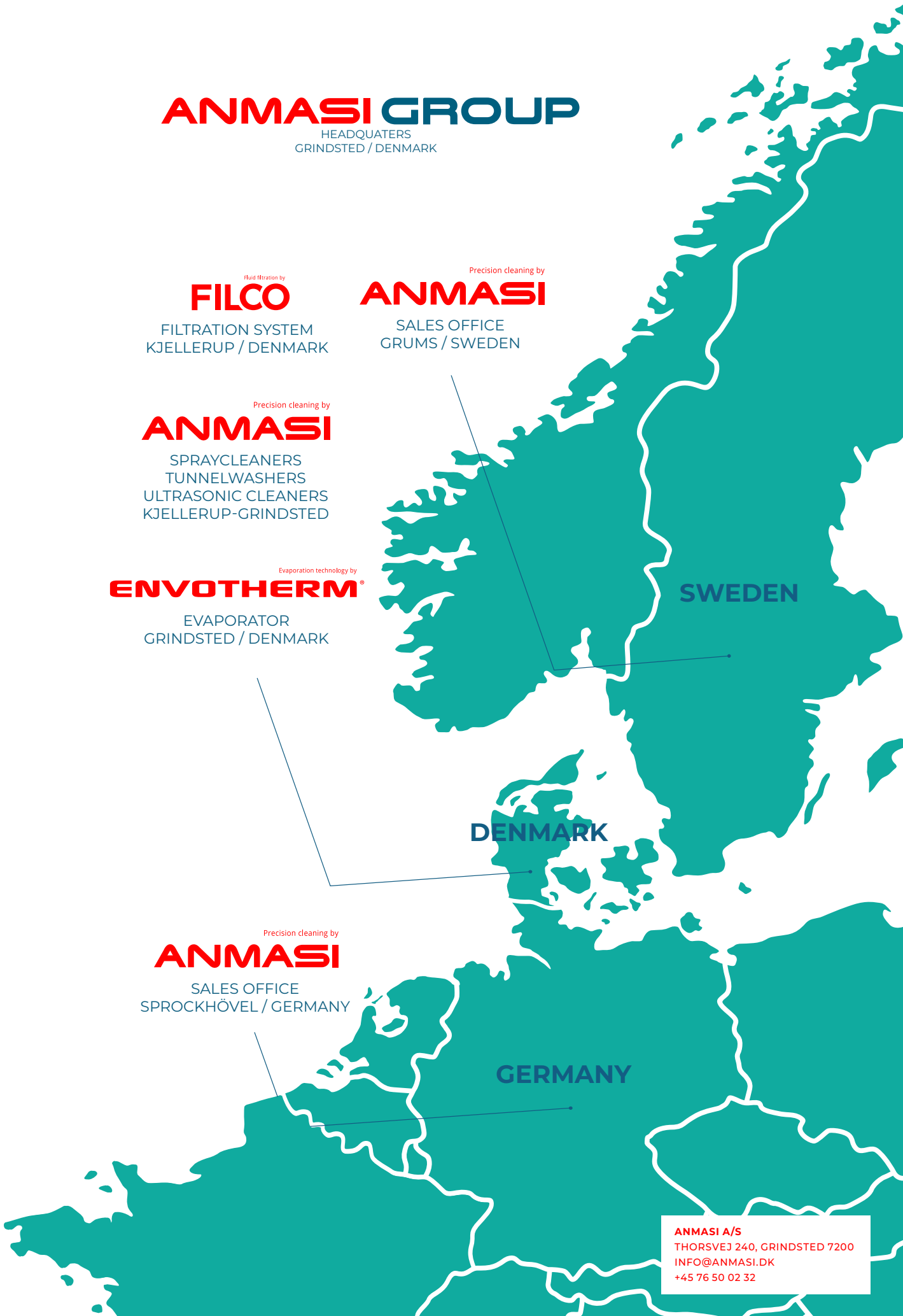
SALES OFFICE
GRUMS / SWEDEN

Precision cleaning by
ANMASI

SPRAYCLEANERS
TUNNELWASHERS
ULTRASONIC CLEANERS
KJELLERUP-GRINDSTED

Evaporation technology by
ENVOTHERM®

EVAPORATOR
GRINDSTED / DENMARK



Precision cleaning by
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