



PVD-CVD / ELECTROPLATING

WHAT IS YOUR NEED?



ECOLOGICAL CLEANING SOLUTIONS

 SWISS QUALITY

# 1/ ULTRASONIC CLEANING AND SURFACE PREPARATION PRIOR TO ELECTROPLATING

Application	Substrate compatibility	Products	L/P	pH	Instructions for use
Polishing compounds removal, oil residues removal	All metals	<b>GALVEX TM</b>	L	9,8	Conc.: 2-5% T°C: 50-70°C / 122-158°F Time: 3-5 min
		<b>GALVEX 20.02</b>	L	10,3	Conc.: 2-5% T°C: 40-70°C / 104-158°F Time: 2-5 min
		<b>NANOCLEAN 2018</b>	L	9,5	Conc.: 1-5% T°C: 40-60°C / 104-140°F Time: 3-5 min
		<b>GALVAPREP SU 2018</b>	P	10 (3% DI)	Conc.: 20-60 g/L T°C: 40-70°C / 104-158°F Time: 3-5 min
		<b>GP 17.40 SUP</b>	P	9,8 (3% DI)	Conc.: 5-20 g/L T°C: 40-70°C / 104-158°F Time: 1-3 min
	Steel, stainless steel and ceramics	<b>RODACLEAN 2018</b>	L	14	Conc.: 3-10 % T°C: 40-70°C / 104-158°F Time: 3-5 min
	All metals except aluminium, zamac, zinc	<b>SUPER GALVEX 001</b>	L	9	Conc.: 3-5 % T°C: 70-75°C / 158-167°F Time: 2-3 min
		<b>GALVEX 17.30 PLUS</b>	L	10,8	Conc.: 1-3 % T°C: 70-80°C / 158-176°F Time: 2-3 min
		<b>MESSERCLEAN</b>	L	1,9	Conc.: 3-10 % T°C: 35-60°C / 95-140°F Time: 30 s - 5 min
Deoxidization	All metals	<b>SOLVIT N°3</b>	L	0,9	Conc.: 3-10 % T°C: 60-70°C / 140-158°F Time: 20 s - 5 min
	All metals except aluminium and zamac	<b>CERACLEAN SP</b>	L	0,5	Conc.: 3-10 % T°C: 45-60°C / 113-140°F Time: 2-4 min
Electrocleaner	All metals	<b>GALVAPREP SP GL</b>	P	11,6 (3% DI)	Conc.: 40-60 g/L T°C: 40-50°C / 104-122°F Time: 1-2 min
Activation	Steel, stainless steel	<b>NGL 17.41 P</b>	P	12,5 (3% DI)	Conc.: 30-50 g/L T°C: 50-60°C / 122-140°F Time: 2-4 min
Neutralisation and activation	Copper alloys	<b>GALVAPREP 707</b>	P	1,5 (3% DI)	Conc.: 40-60 g/L T°C: 20°C / 68°F Time: 10-30 s
Finishing	All metals	<b>GALVEX 18.08</b>	L	9,4	Conc.: 0,1-3 % T°C: 40-60°C / 104-140°F Time: 3-5 min
Anti-corrosion protection	Steel	<b>KORROSTOP 5000</b>	L	12,3	Conc.: 0,02-0,1 % T°C: 20-30°C / 68-86°F Time: 2-3 min

L / P: Liquid or Powder

pH: pH value

\* DI: demineralized water

## 2/ ULTRASONIC CLEANING AND SURFACE PREPARATION PRIOR TO PVD-CVD

Application	Substrate compatibility	Products	L/S	pH	Instructions for use
Oil removal	Carbide / HSS	VACUKLEEN 347	L	14	Conc.: 3-5 % T°C: 50-60°C / 122-140°F Time: 2-5 min
Oil and grease removal	Carbide / HSS	VACUKLEEN 440	L	13,7	Conc.: 3-5 % T°C: 50-60°C / 122-140°F Time: 2-5 min
Polishing, grinding compounds removal and oil residues	Carbide / HSS	VACUKLEEN 2018	L	14	Conc.: 3-5 % T°C: 40-70°C / 104-158°F Time: 2-4 min
Polishing compounds and oil residues removal	Carbide / HSS	VACUKLEEN SUPRA	L	14	Conc.: 3-5 % T°C: 60-70°C / 140-158°F Time: 3-5 min
Finishing	Carbide / HSS	VACUKLEEN AC	L	10,4	Conc.: 1-2 % T°C: 50-70°C / 122-158°F Time: 2-3 min
		VACUKLEEN 18.01	L	9,2	Conc.: 1-5 % T°C: 40-70°C / 104-158°F Time: 2-5 min
		GALVEX 18.07	L	9,2	Conc.: 0,1-3 % T°C: 40-60°C / 104-140°F Time: 3-5 min
Deoxidization	Carbide / HSS	VACUKLEEN 30	L	0,5	Conc.: 3-5 % T°C: 40-60°C / 104-140°F Time: 2-3 min

## 2/ SPRAY CLEANING AND SURFACE PREPARATION

Application	Substrate compatibility	Products	L/P	pH	Instructions for use
Oil removal	Steel, stainless steel, ceramics	VACUKLEEN 347	L	14	Conc.: 3-5 % T°C: 50-60°C / 122-140°F Time: 2-5 min
Oil and grease removal	Steel, stainless steel, ceramics	VACUKLEEN 440	L	13,7	Conc.: 3-5 % T°C: 50-60°C / 122-140°F Time: 2-5 min

L / P: Liquid or Powder      pH : pH value

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