



Product Catalogue

- **Paint Stripper & Remover**
- **Anti-Graffiti: Remover**
- **Anti-Graffiti: Protection**
- **Accessory Products**

Why do we provide a system?

Our product lines always provide the **best** solution for almost every problem concerning the removal of coatings or the protection against paints or other finishes. The best product, then, is highly effective, environmentally friendly and it protects the underlying material.



Anti-Graffiti Test Box with 1 litre containers, removers and protective coatings

m.a.c.s. Anti-Graffiti: Protection system			
	Concrete	Natural stone, brick, clinker, plaster with and without silicate paint	Painted surfaces including concrete
First choice	Fuorosil® 2005	Fluoromer®	2K Protective Paint LH
Alternatives	2K Protective Paint LH		
	Aquacolor 2K Protective Paint LF		
	Fluoromer®		
	Wax		

m.a.c.s. Anti-Graffiti: Remover system			
	Mineral substrates	Sensitive smooth surfaces	Surfaces with protective coatings
First choice	Liquid + Cracker	Soft	Soft
Alternatives	Graffitticlean	Cocopaste	Cocopaste
	Cocopaste	Plexi Cleaner	Liquid
Cracker Residual Discoloration Remover Oxydizer Bleach For Residual Discoloration			



Paint Stripper & Paint Remover Test Box with 1 litre containers, tools, extensive information and instructions

m.a.c.s. Paint stripping and removing system			
	Protective external paints and plaster e.g. external surfaces, walls, ceilings (e.g. stucco)	Finishes e.g. furniture, garden fence made of iron	Two-Component Coatings e.g. bodywork, floor coatings
First choice	SG94	Asur	Blitz
Alternatives	Asur	Powerclean	Powerclean
	Separator	Blitz	Oxystrip
	Powerclean	Oxystrip	
Powerfluid Cleaner Used After Paint Removal			



System Bag Paint Stripper with samples for use in site tests

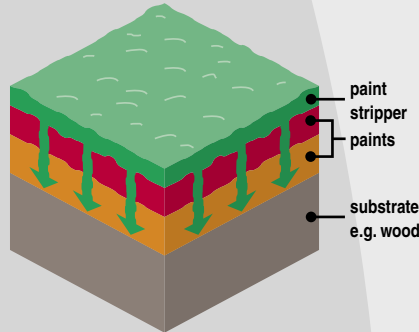
How does m.a.c.s. work?

Applications differ. Therefore, every product has its special advantages. The first choice products are used for standard tasks, e.g. in the paint stripper product line "SG 94 Paint Stripper" is used to remove simple external surface paints or in the graffiti protection product line "Fluoromer" is used to make sandstone graffiti-proof. In order to perform complex tasks, e.g. to remove elastic external surface paint or several paint layers of a stucco ceiling, the best product is determined by means of a test surface. The system bag containing samples, or the professional test boxes will help you find the solution you need quickly. If you have any questions, our service team will be ready to advise you on the telephone, on the Internet or our technical consultants will personally advise you on site.

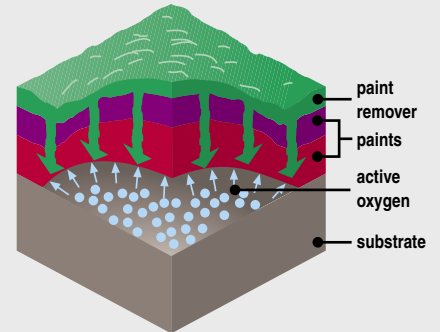
The Right Chemistry

Scheidel paint strippers have been around for 20 years. Every CHC-free paint stripper has its individual and unique composition based on esters or alcohols or the newest generation that is aqueous-based with active oxygen. The particular applications of the products overlap. This is an enormous advantage especially if you want to remove different finishes and paints, which are on top of one another. In most cases, the right m.a.c.s.® system paint stripper enables you to remove all layers in one operation. The release of the solvent to the paint layer, that has to be removed, is controlled within the "intelligent" gels. Scheidel has various patents in this field. All products are CHC-free (free of dichloromethane), user-friendly and biodegradable.

Mode of Operation: CHC-free Paint Stripper



Apply a thick layer of m.a.c.s.® system paint stripper **based on ester or other CHC-free solvents** (e.g. SG 94, Asur). The paint layers are penetrated, the adhesion is loosened. The layers are now easy to remove. The substrate remains unchanged. Wood becomes natural again, mineral substrates will be clean deep into their pores.



Apply **aqueous-alcoholic-based** Oxystrip Paint Remover evenly. The coating is penetrated, active oxygen is released. The coating strips off in pieces depending on its structure.

A Wide Range of Applications



Easy to Use



For Example m.a.c.s. Asur Paint Remover

1. Apply thickly



2. Cover and leave to work



3. Cleaned deep into pore





m.a.c.s.® Paint Stripper & Remover Test Box

- Application** For all protective house paints and finishes, plastic plaster, etc. and adhesives
- Area of use** To test surfaces in order to determine the most suitable product for external surfaces, interior rooms, wood, metal and other solvent-resistant substrates.
- Special features** Contains all m.a.c.s.® paint strippers and removers in original containers, application tables, check lists, calculation aids, a small set of safety equipment, brushes, etc.
A complete system for professionals that fights paint.
- Item number** 282



m.a.c.s.® System Bag Paint Stripper

- Application** For all protective house paints and finishes, plastic plaster, etc. and adhesives
- Area of use** To create small test surfaces in order to determine the most suitable paint stripper for external surfaces, interior rooms, wood, metal and other solvent-resistant substrates.
- Special features** Sample containers in an attractive shoulder bag.
- Item number** 286



SG 94 Paint Stripper

- Application** First choice product of the m.a.c.s.® system: dispersion paints, latex paints, etc.
- Area of use** External surfaces, interior rooms, all solvent-resistant substrates
- Special features** For application on large surfaces. Mild smell, long-lasting and intensive solvent, has a detergent effect, therefore it can be easily washed off. Best selling CHC-free paint remover in Europe.
- Item number** 128 – containers: 750 ml (013), 5 l (024), 10 l (025), 25 l (026)



Asur Paint Remover

- Application** First choice product of the m.a.c.s.® system: one-component paints, oil paints, dispersion paints, plastic plaster, latex paints, adhesives, glass fibre wallpaper, etc.
- Area of use** Wood, external surfaces, interior rooms, metal
- Special features** Mild smell, long-lasting strong solvent
- Item number** 118 – containers: 1 l (314), 3 l (063), 10 l (065), 25 l (066)



Blitz Paint Remover

- Application** First choice product of the m.a.c.s.® system: two-component paints, epoxy, PU paints
- Area of use** Wood, metal
- Special features** Strong fast solvent. Caution: Highly inflammable!
- Item number** 120 – containers: 1 l (312), 3 l (063), 20 l (068)



Separator Paint Stripper

Application	Elastic paints (e.g. Aquadur), bitumen, dispersion paints, acoustic coatings, chlorinated rubber paints
Area of use	External surfaces
Special features	Based on renewable materials "COCOsole", fast separation to obtain solvent-free waste water.
Item number	125 – containers: 1 l (314), 10 l (065), 25 l (066)



Powerclean Paint Remover

Application	Aqueous paints (acrylic-based), epoxy, adhesives, two-component paints, some oil paints
Area of use	Wood, metal, external surfaces, interior rooms
Special features	Mild smell, long-lasting and intensive solvent
Item number	132 – containers: 1 l (314), 3 l (063), 10 l (065), 25 l (066)



Alkaline Paint Stripping Paste

Application	Oil paints, alkyd resin varnishes
Area of use	External surfaces, indoor, wood
Special features	Highly alkaline (pH 14). Neutralisation is required!
Item number	119 – containers: 1 kg (312), 10 kg (065)



Oxystrip Paint Remover

Application	One-component synthetic resin paints, powder paints, epoxy, two-component paints and coatings of all types.
Area of use	Metal, dense mineral substrates (e.g. concrete), wood
Special features	Aqueous-based, works by means of active oxygen. Various product types are available - selection according to technical advice and available technology.
Item number	Depending on the type - containers: 1 l (314), 3 l (063), 10 l (065), 25 l (066)



Powerfluid Cleaner Used After Paint Removal/ Industrial Cleaner

Application	To remove residues of paint removal especially on wood, degreaser for metal, etc.
Area of use	All purposes
Special features	Concentrate, the aqueous type also used as pre-cleaner, wetting agent, oil stain remover, etc.
Item number	1310 - containers: 750 ml (113), 5 l (057)

Paint Remover for Special Use

In the special products section of this product brochure, you can find other products for paint removal and stripping. We also offer custom-made mixtures for industrial use (especially the Oxystrip Paint Remover line). Please ask us, we'll gladly advise you.

Convincing Advantages

- ▶ Complete product range for external and other paints
- ▶ Covers all areas of use – external surfaces, interior rooms, wood, metal, etc.
- ▶ CHC-free
- ▶ Mild smell
- ▶ Easy to use
- ▶ Biodegradable
- ▶ Deep-pore paint stripping and removing effect
- ▶ Technical advice

Effective Protection

m.a.c.s.® Anti-Graffiti by Scheidel Innovative Chemie covers the whole field of protective coatings which enable you to easily remove graffiti. You can choose between appropriate protective coatings depending on the physical properties of the construction material, optical criteria and also the consequential costs. We recommend our technical advice to help you choose the appropriate protective coating.



Sand stone protected by Fluoromer graffiti proofer. Graffiti can easily be removed.

Permanent

Fluorosil®2005 Graffiti Proofer:

A new economical and reliable protection for concrete buildings. The aqueous and water vapour permeable proofer is easy to use and causes a matt, transparent and UV-resistant protection. Graffiti can be removed from the protective coating with the Liquid Graffiti Remover several times. Fluorosil®2005 is currently in the process of getting RAL quality approval for tried and tested permanent protective systems.

2K Protective Paint LH,

Coloured (all colours available) and clear:

A solvent-based two-component special paint on PU-base, water vapour impermeable (prevents carbonation) for concrete, steel and other substrates. Two-Component Solvent-Based Protective Paint can easily be cleaned with matching graffiti removers several times. Great demands are made on the specialist paint removal company. Approved preventive product of the quality association "Gütegemeinschaft Anti-Graffiti e.V."

Aquacolor 2K Protective Paint LF,

Coloured (all RAL colours available):

A water-dilutable, solvent-free and PU-based sealing for concrete and other surfaces particularly used for interior spaces (e.g. staircases). Graffiti can be easily removed with matching removers.

m.a.c.s. Anti-Graffiti: Protection system			
	Concrete	Natural stone, brick, clinker, plaster with and without silicate paint	Painted surfaces including concrete
First-choice	Fluorosil® 2005	Fluoromer®	2K Protective Paint LH
Alter-natives	2K Protective Paint LH		
	Aquacolor 2K Protective Paint LF		
	Fluoromer®		
	Wax		

Semi-Permanent

Fluoromer® Graffiti Proofer

An innovative proofer for all absorptive mineral substrates such as sand stone, concrete, brickwork and plaster surfaces with and without silicate paint. It is water-repellent as well as oil-repellent, and therefore offers weather and graffiti protection. Fluoromer® is a water vapour permeable, aqueous emulsion of a fluorocopolymer modified with acrylate. The use of fluoropolymers guarantees an especially high effectiveness and stability. Graffiti is easily removable with hot water pressure washers. After the graffiti is removed, the protection has to be only partly restored. Fluoromer® is an approved preventive product of the quality association "Gütegemeinschaft Anti-Graffiti e.V." and has also been tested in connection with the preservation of buildings and monuments.

Non-Permanent (Sacrificial) Layer

Wax graffiti protection

A low-cost, clear and easy-to-use anti-graffiti protective coating for all absorptive mineral substrates such as concrete, brickwork, etc. Graffiti can be removed using hot water pressure washers. Afterwards, the protective coating has to be entirely renewed.



The 2K Protective Paint LH is the best permanent graffiti protection on concrete for all public buildings.

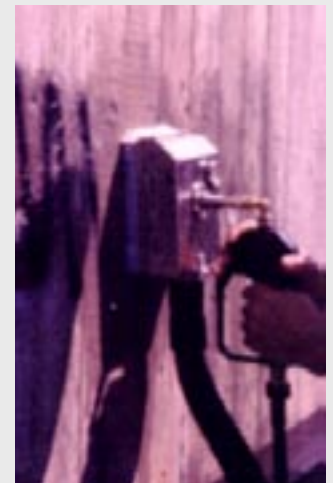
Graffiti Removal

There are graffiti, tags and smearings on very different substrates, e.g. from painted house facades, natural stone to traffic signs, sanitary facilities, letterboxes, etc. As manifold as the substrates are the spray paints and felt tip pens used. m.a.c.s.® Graffiti Removers are adapted to their different applications and if correctly applied, they will solve almost every graffiti problem.

m.a.c.s. Anti-Graffiti: Remover system			
	Mineral substrates	Sensitive smooth surfaces	Surfaces with protective coatings
First choice	Liquid + Cracker	Soft	Soft
Alternatives	GraffitiClean	Cocopaste	Cocopaste
	Cocopaste	Plexi Cleaner	Liquid
Cracker Residual Discoloration Remover Oxydizer Bleach For Residual Discoloration			



m.a.c.s. Soft Graffiti Remover removes graffiti from sensitive substrates.



Black spray paint on concrete removed with m.a.c.s. Liquid and Cracker, can be removed in an environmentally friendly manner by spray and suction cleaning.

Sensitive Substrates

Spray paints and felt tip graffiti on painted surfaces, e.g. window frames of shops, letterboxes, traffic signs, etc. can be removed with the Soft Graffiti Remover. m.a.c.s. Plexi Cleaner is used to remove graffiti from Plexiglass.

Mineral Substrates

The aim is to rapidly and thoroughly remove graffiti from unprotected substrates. This is possible with the unique combined use of the graffiti remover products m.a.c.s. Liquid and m.a.c.s. Cracker. You simply apply them successively at intervals, let them work and then clean with a hot water pressure washer. Done!



The m.a.c.s. product line Anti-Graffiti for removal and prevention of all common anti-graffiti problems.



Anti-Graffiti Test Box

Area of use	To create test surfaces and thus to find out which graffiti remover is most suitable, to create sample surfaces for Fluoromer and wax, to carry out minor graffiti removal work.
Special features	Contains all m.a.c.s. graffiti removers, graffiti protection products (except Two-Component Solvent-Based Protective Paint and Aquacolor Two-Component Solvent-Free Protective Paint), check lists, calculation aids, a small set of safety equipment, brushes, etc.
Item number	281



Wax Graffiti Protection

Area of use	All absorptive mineral substrates such as concrete, etc.
System	Aqueous, water vapour permeable
Colour	Clear
Delivery form	1 l (032) , 5 l (057), 10 l (058), 30 l (036)



Fluoromer® Graffiti Proofer

Area of use	All absorptive mineral substrates such as sandstone, natural stone, concrete, mineral plaster and silicate paint coats
System	Semi-permanent, aqueous acrylate with fluorocopolymers, water-repellent and oil-repellent. Optically 100 % reversible, low colour intensification, water vapour permeable vapour resistance Sd value = 0.02, removal of graffiti using a hot water pressure washer
Colour	Clear
Special features	Anti-stick effect thanks to fluoropolymers, weatherproof and UV-resistant RAL quality mark, tested by the Leisen Institute for purposes of monument preservation
Delivery form	1 l (032) , 5 l (057), 10 l (058), 30 l (036)



Fluorosil®2005 Graffiti Proofer

Area of use	Concrete buildings
System	Aqueous product containing fluorine components, water-repellent and oil-repellent. Low colour intensification, water vapour permeable, vapour resistance Sd value = 0.02, graffiti removal with m.a.c.s. Liquid Graffiti Remover
Colour	Clear
Special features	Anti-stick effect thanks to fluoropolymers, weatherproof and UV-resistant, RAL quality mark for tried and tested permanent protective coatings (from 2006)
Delivery form	1 l (032) , 5 l (057), 10 l (058), 30 l (036)



2K Protective Paint LH

Area of use	Concrete, coated surfaces on concrete, steel, special surfaces according to technical information
Primer	2K PU primer – concrete and coated surfaces - clear - containers: 0.8 kg / 4 kg 2K epoxy primer – surface-prepared steel – coloured – containers: 1 kg / 5 kg 2K epoxy zinc phosphate primer – raw steel – container: 5 kg Special primer: upon request
System	2K topcoat – solvent-based – permanent, for multiple cleaning using Soft Graffiti Remover
Colour/Gloss	clear: silk lustre or glossy - containers: 0.8 kg / 4 kg (weight = mixed product) coloured: matt or glossy - available in all colour systems and colours - containers: 1 kg or 5 kg (weight = mixed product)
Special features	Approved preventive product of the quality association "Gütegemeinschaft Anti-Graffiti e.V." Berlin



Aquacolor 2K Protective Paint LF

Area of use	Concrete not exposed to weathering, indoor mineral substrates, glass fibre wallpaper
Primer	Aquacolor 2K primer – for the substrates referred to above
System	2K topcoat – solvent-free – permanent, for multiple cleaning using Soft Graffiti Remover
Colour/Gloss	Coloured – matt, available in all RAL colours - container: 10 kg (weight = mixed product)
Special features	Ideal for indoor applications



Graffiticlean Graffiti Remover

Application	All types of (one-component) spray paints
Area of use	Mineral substrates (concrete, natural stone), coated surfaces (solvent effect)
Special features	A fast and universal solvent, penetrates into pores easily
Item number	117 – containers: 1 l (314), 3 l (063), 10 l (065), 25 l (066)



Cocopaste Graffiti Remover

Application	Spray paints on fluoromer, bitumen remover
Area of use	As graffiti remover on Fluoromer® Graffiti Proofer, bitumen remover on mineral substrates (concrete, natural stone)
Special features	Mild, on the basis of renewable materials
Item number	1250 – containers: 1 l (314), 3 l (063), 10 l (065)



Soft Graffiti Remover

Application	One-component paints, felt tip pen
Area of use	On sensitive substrates, e.g. painted surfaces, lorry tarpaulins, traffic signs – (Perform preliminary test!)
Special features	Mild, a fast solvent
Item number	3740 – containers: 1 l (032), 5 l (057), 10 l (058)



Plexi Cleaner Graffiti Remover

Application	One-component paints, felt tip pen
Area of use	Plexiglass (preliminary test recommended)
Special features	Mild, a fast solvent
Item number	114 – containers: 1 l (032), 5 l (057)



Liquid Graffiti Remover

Application	Spray paints on various substrates - graffiti remover on Fluorosil 2005
Area of use	For large-area removal of graffiti on mineral substrates, to be used in combination with macs Cracker. Graffiti remover on Fluorosil 2005.
Special features	Liquid
Item number	3730 – containers: 500 ml (031), 5 l (037), 10 l (038)



Cracker Residual Discoloration Remover

Application	Discoloration (pigment residue)
Area of use	As a combination product with macs Liquid, or to remove any discoloration left on mineral substrates, or after using Graffiticlean.
Special features	Liquid, alkaline - must be neutralised afterwards
Item number	116 – containers: 1 l (029), 5 l (037), 10 l (038)



Oxydizer Bleach For Residual Discoloration

Application	To remove any residual discoloration
Areas of use	On mineral substrates (except sandstone), plastic surfaces and other substrates after the performance of preliminary test.
Special features	Destroys pigments by oxidation.
Item number	161 – containers: 1 l (029), 10 l (038)

Liquid Paint Remover PC

Application	Two-component paint system, acrylic paints
Area of use	Open tank, ultrasound
Special features	Mild smell, to clean spray guns and hangers, etc.
Item number	1322 – containers: between 6 l and 200 l

Liquid Paint Remover AS

Application	One-component paints
Area of use	Open tank, ultrasound
Special features	Mild smell, for cleaning suspension gear, spray guns, etc.
Item number	1181 – containers: between 6 l and 200 l

Brush Cleaner & Softener EPR

Application	All fresh one-component paints
Area of use	As a cleaner for brushes, tools, etc; as a keep-fresh fluid in Brush Box.
Special features	Contains orange terpenes
Item number	130 – containers: 250 ml (020), 500 ml (001), 1 l (002), 3 l (003), 6 l (004), 12 l (005)

Cocoliquid

Application	All fresh one-component paints
Area of use	As a cleaner for brushes, tools, etc, as a keep-fresh fluid in Brush Box.
Special features	Based on renewable materials, VOC-free in Switzerland.
Item number	243 – containers: 1 l (002) , 3 l (003), 6 l (004)

The Powerful Hand Cleaner

Application	To remove even tough dirt from your hands.
Special features	Protective & re-moisturising
Item number	297 – container: 500 ml (131)

Brush Kit - Keep-Fresh Box

Application	To keep brushes fresh after use
Special features	Impact-resistant, solvent-resistant plastic, keep-fresh fluid Scheidel (Esban) Paint Solvent or Cocoliquid
Item number	280



About Scheidel

The company was founded by Hermann Scheidel in Bamberg in 1949. Today, our product range is mostly products for the painting and associated industries as well as other industry generally.

The maxim of our company is to substitute solvents, which damage environment and health, with more environmentally friendly products. Scheidel is a pioneer and today's market leader in the CHC-free paint strippers and removers sector. The multi-anti-color-system "m.a.c.s." is the result of the consequent advancement of the company's strategy.

COCOsole Products

Scheidel-Products with "COCO" in the product name are made of renewable materials up to 100%. We avoid the use of petrochemical solvents almost completely. COCOsole products are used for paint removal, bitumen removal, metal cleaning and even for the removal of resistant fats. The COCOsole product range is constantly developed and extended.



Please note:
Not all of our products are available for export.



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