



# Blitz Paint Remover

## Technical Information

### m.a.c.s.® Paint Stripper + Paint Remover Table of Applications

	Protective building paints and plasters e.g. facades, walls, ceilings (e.g. stucco, ornaments)	Lacquers e.g. furniture, window shutters, metal fences	2K coatings e.g. car bodies, floor coatings
<b>1. Choice</b>	<b>Asur</b>	<b>Asur</b>	<b>Oxystrip</b>
Alternatives	SG94	Oxystrip	Blitz
	Separator	Blitz	Powerclean
	Powerclean	Powerclean	
Post Paint Removal Cleaner: <b>Powerfluid</b>			

### Properties

Blitz Paint Remover is CHC-free (chlorinated hydrocarbon) on the basis of special solvent agents. Blitz Paint Remover is particularly suitable for the removal of 2-component lacquers and adhesives as well as for the rapid removal of 1-component lacquers and adhesives on wood and metal and solvent-resistant substrates.

Blitz Paint Remover **distinguishes itself due to its quick dissolving power, long open time and the ability to remove several paint layers.** Blitz Paint Remover does not cause changes of the building fabric after paint removal and restores mineral substrates thoroughly deep into their pores, wood does neither rove nor discolour.

Blitz Paint Remover has a **very low flash point** and is **highly inflammable.**

Blitz is the fast paint remover with bite.

### Application

Blitz Paint Remover reliably removes all common **2-component lacquers and 2-component glues** on the basis of epoxy, polyurethane (DD), acrylate. All common 1-component synthetic-resin lacquers are dissolved at lightning speed. Blitz Paint Remover is used on small internal and external surfaces.

**Substrates:** all sorts of wood and metals, on all mineral and solvent-resistant substrates, concrete, pure mineral plasters, all sorts of natural stones, plaster (stucco), masonry like e.g. clinker, brickwork etc.. Glass will not be attacked. The removal of paint from plastic materials containing softeners is not possible. In case of doubt, test surface durability before application.

**Technical limitations:** linseed oil, emulsion paint.

### Technical Specifications

Form:	paste-like
Colour:	opaque
Smell:	acetone-like
Density at 20 °C:	ca. 1.00 g/ml
pH value:	neutral
Flash point:	<0°C
Shelf life:	cooled and closed 1 year
Item number:	120
Units:	1 l, 3 l, 20 l

Blitz Paint Remover is ready for use and must not be modified.

### Consumption

Consumption depends on the total layer thickness of paint and lacquer to be removed as well as on the characteristics of the substrates, whether they are absorbent or not. The ideal basis for an exact calculation are several test areas on

the original object. Material consumption can reach from 300 ml/m<sup>2</sup> to 1,000 ml/m<sup>2</sup>.

### Development of Characteristics

Blitz Paint Remover dissolves the binding agent system of the paints to be removed. As a result, these can easily be pushed-off or removed by washing off. In order to enable the full development of the dissolving properties, sufficiently generous application of material has to be ensured. If an insufficient amount of Blitz Paint Remover was applied, the surface becomes dry and *whitish*. In this case, do not remove with water but apply a new layer of Blitz Paint Remover; the dissolving process will be re-activated then. The solved coatings should always be removed at the optimal dissolving point (saves *cleaning costs*).

### Disturbing influences:

Moist substrates, rain, draught, high temperatures (more than 25°C), insufficient ventilation possibilities (natural or with ex-protected devices) during working process, insufficient application of material.

### Supporting influences:

Warm temperatures, covering of the surfaces with thin PE-film after application of paint remover (not required!); thus the development of exhalations is considerably lowered in internal areas. Sufficiently long application time (test areas).

### Application Time:

Several minutes up to hours or days under film.

Due to the high inflammability, sufficient ventilation and the absence of ignition sources (e.g. electric devices) have to be considered. **Possible ignition sources have to be removed or turned-off before use!** Because of its very low flash point, Blitz Paint Remover is not suitable for works on large surfaces. Mask plastic surfaces. **Always ventilate internal areas thoroughly!**

### Application/Tools

Blitz Paint Remover is ready for use and must not be modified. Open container. Apply Blitz Paint Remover with a brush or trowel. Blitz Paint Remover must not be applied using the airless method (danger of explosion).

Clean the used devices with Powerfluid mixed with water 1:10. Then rinse with clear water.

### Instructions on use

#### Preparing measures:

The object respectively environment conditions have to be checked. As far as the dissolved coatings are to be removed with a hot water high-pressure washer, in the scope of the erection of a scaffold, collection devices have to be considered.

#### Test surfaces

With big objects several test areas at different places should be treated in order to determine the layer construction and the dissolving progress. Size of the test area: DIN A4 landscape format. Using a trowel apply at least 3 mm of Blitz Paint Remover at the beginning and let it run out against zero at the end. Cover one half with film in landscape format. Note date, time and temperature and check the test area in different intervals. Thus you find out about application time, possible consumption and open time of the paint remover. If the product does not deliver the desired result, further test areas according to the table of applications are necessary. For this purpose, use the m.a.c.s. paint stripper + paint re-

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mover system bag or the m.a.c.s. paint stripper + paint remover test box.

## Removal of separated coatings

### General:

The removal of the separated coatings should always be done at the optimal dissolving point. The longer the already separated coatings remain on the substrate, the more difficult it will be to wash them off. This might lead to longer cleaning periods.

### Removal:

Push-off separated coatings with a scraper or a surface pusher. After pushing off the coatings, surfaces are washed with water (as warm as possible, ca. 40°C) under addition of Powerfluid, the cleaner used after paint removal, with a coarse scrubbing brush or a sponge. On wooden surfaces a thick round masked brush with about 1 cm long bristles is suitable best. Warm water up to 40°C makes the subsequent washing easier. Finally, rinse again with clear cold water.

### Note:

No incompatibilities with new coatings have been reported after a complete removal of the coatings. Before it is newly painted, the stripped surface has to be flashed-off and dry.

When used in internal areas sufficient ventilation has to be made sure. Always work with film sheets in internal areas. If used in foods companies, all risk-bearing sectors have to be outsourced.

## Disposal Data

Always catch produced wastewater. Separate solid matter. After consulting the authorities, wastewater can normally be discharged.

Waste category numbers:

Product residues: EWC No.: 080111  
Paint sludge: EWC No.: 080117  
Water hazard: WHC 1  
UBA no.: 08090510  
Contains: under 5 % anionic surfactants

Blitz Paint Remover is registered as washing and cleaning agent at the Federal Environment Agency.

## Information on hazards

Repeated contact may lead to rough or chapped skin. Keep away from ignition sources. - Do not smoke. Avoid contact with skin. Wear gloves and goggles. Use respiratory protective equipment when ventilation is insufficient. Use in well-ventilated areas only. Do not inhale the exhalation. Keep out of reach of children. In case of swallowing seek advice from your doctor immediately and show packaging or label there.

### Measures of Precaution:

Mask plastic surfaces like e.g. cables, plastic windows twice and do not bewet them.

All details in this technical information are based on practical experience. A general binding character is excluded because of the different practical preconditions. Self-tests have to be made. All earlier editions get void with the publishing of this technical information.

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