

TECHNICAL DATA SHEET

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Asur

Allround Paint Remover

Technical Information

Product features

- Very universally applicable
- Low odour
- Sustainable, strong and fast dissolving power for lacquers, wall and facade paints, organic plasters
- Does not cause any change in the stripped building structure
- NMP-, NEP- and DCM-free
- Biodegradable
- Long open time

Scope of application

- Mineral substrates (plaster, concrete, natural stone, etc.)
- Wood, metal, GFRP and stucco.
- Masonry, such as clinker, brick, etc.
- All solvent-resistant substrates
- Indoor and outdoor application

Technical limits

Not suitable for highly crosslinked EP, DD, SH and 2K coatings, bituminous coatings.

Technical information

Density at 20°C:	1,09 g/cm ³
Colour:	beige
Odour:	typical smell
Viscosity:	10000 mPas
pH-value at 20°C:	3-4
Flash point:	100°C
Minimum processing temperature:	10°C
Storage/shelf life:	Cool and dry in the closed original container for at least 24 months
Water hazard:	WGK 1 (water hazard class)
Consumption:	250 ml/m ² – 2 l/m ² (min. total layer thickness = layer thickness Asur)
Packages:	1 l, 3 l, 10 l, 25 l
Item number:	1180

Application

Asur Allround Paint Remover dissolves and removes 1-component lacquers, synthetic resin lacquers, glazes, matting, polishes, nitro-spirit lacquers, beer lacquers, oil paints, emulsion and latex paints, elastic building paints, acrylates, plastic plasters, adhesives for glass fibre fabrics or similar, PU foam. Asur Allround Paint Remover can be used indoors and outdoors on small and large surfaces (several 100 m²). Thoroughly cover surfaces that are not to be stripped. Glass is not attacked.

Development of characteristics: Asur Allround Paint Remover is a DCM-free paint remover based on slowly evaporating solvents that dissolve the binder system of the paints to be removed, so that they can be easily removed or washed off. To develop the full dissolving properties, a sufficient saturated application of the material must be ensured. If too less Asur Allround Paint Remover has been applied, the surface will become dry and whitish. Always remove the dissolved coatings to the **optimum dissolving point. Do not leave Asur Allround Paint Remover on the surface longer than necessary.**

Supporting influences:

Warm temperatures, covering the stained surface with thin PE film (not a must!), indoors this significantly minimises the development of odours. Sufficiently long exposure time (test areas).

Disturbing influences:

Damp substrates, rain, draughts, low temperatures (cold), very highly absorbent substrates (caution: test thoroughly!), insufficient ventilation during application, insufficient application of material.

Reaction time: A few minutes to hours or days, under foil.

Processing

Preparatory actions:

The object conditions must be checked at the start of work (see development of characteristics). If dissolved coatings are to be removed with a hot-water high-pressure cleaner, collecting devices (foil tube) must be planned. The object must be registered due the responsible authorities.

Asur Allround Paint Remover is ready for use and must not be changed. Open the container. If liquid has settled (this is not a defect) stir the product. Apply Asur evenly with an airless device, brush, tassel, brush, roller, spatula, trowel, smoothing trowel (no plastic bristles).

Caution: Always clean surfaces that have been contaminated by paint stripper or paint stripper coating mixture for a longer period of time with water as soon as possible, otherwise there is a risk of staining. **Mask plastic windows, cables etc. as follows:** Double-sided adhesive tape, apply PE construction film on it without wrinkles, then stick on another adhesive tape (e.g. packing tape in brown). After wetting with paint remover, remove the brown packing tape immediately. Remove the double-sided adhesive tape immediately after reaction time of the paint stripper and after the remaining area have been washed off.

Test areas: For large objects, several test areas should be created at different locations to determine the coating build-up and dissolution progress. Test area size approx. DIN A4 lengthwise format. Apply Asur Allround Paint Remover with a trowel at least 3 mm at the beginning and let it slowly run out towards zero. Cover one half of the long format with foil. Note the date, time and temperature and test the surface at different intervals. This way you will know the exposure time, possible consumption and open time of the paint remover. If the product does not show the desired result, further test areas are required according to the application table.

Use the "Scheidel Paint Stripper System Bag" for this purpose.

Application by the airless method:

When applying Asur Allround Paint Remover in an airless process, it is recommended to cover the scaffold with tarpaulins and to pay special attention to the safety instructions.

Caution:

Asur Allround Paint Remover can cause blockages in the hoses or spray gun if water is used under pressure in the airless device. Therefore, remove any rinsing water in the unit with compressed air or, alternatively, pump Asur through the airless unit until old rinsing water residues are removed (remove the gun for this and then put it back on).

Completely remove filters and sieves in the unit.

Standard nozzles: mm/inch 0.530/0.021 to 1.070/0.043.

Working pressure 40-80 bar depending on nozzle used.

Air-pressure operated airless unit Working pressure approx. 2 bar.

The paint remover is always applied from the bottom (base) upwards.

Clean the used equipment with UltraFix Intensive-Cleaning Concentrate (mixed with water 1:10), then rinse with clear water.

Removal of dissolved coatings:

General: The removal of dissolved coatings should always be carried out directly at the optimum time for dissolving. The longer the already dissolved coatings remain on the substrate, the more the wash-off behaviour deteriorates, which may lead to longer cleaning times. On soft and open-pored substrates, the solvents penetrate deeper into the substrate and the evaporation of the solvents from the substrate can therefore take several days.

Mechanical removal:

1. Hot water high-pressure cleaner: Wash off the dissolved paint layers, renders etc. with the high-pressure cleaner and hot water at 80°C in the range of 60 to 130 bar, from bottom to top and towards the already cleaned surface. Always keep the spray lance away from the painted surface to avoid a reaction stop of the paint stripper by water. The waste water must be collected (see disposal).

2. Spray-suction method: Loosened coatings can also be removed using the spray-suction method (e.g. Reinigungskrake 80). Then there is no need for the above-mentioned waste water collection tank.

Manual removal:

Loosened coatings can also be pushed off with a spatula or surface pusher. The removed surfaces are then washed with water (preferably warm approx. 40°C) with the addition of UltraFix Intensive-Cleaning Concentrate using a root brush or sponge. On wooden surfaces, a thick, round taped brush with bristles approx. 1 cm long is most suitable. Warm water up to 40°C facilitates the rewashing. Finally, rinse again with clear, cold water.

Note: After complete coating removal, no incompatibilities with new coatings are known. Allow the stripped or unpainted **surface to evaporate to solvents and let it dry before applying a new coat. Technical measures such as multiple air exchanges may also be necessary for ventilation. Do not coat surfaces until they have been completely evaporated to solvents.**

If the product is used indoors, ensure that there is sufficient ventilation. Covering with foil is always recommended indoors. For applications in food companies, all risky areas must be removed and an approval of the operator has to be available. For PCB remediation work indoors, do not apply the product using the airless method if possible (negative pressure, ventilation, aerosol formation).

Consumption: Consumption depends on the total layer thickness of the paints and varnishes to be removed as well as on the substrate properties (absorbent or non-absorbent). For non-absorbent substrates, the layer thickness of the paints and varnishes to be removed corresponds approximately to the layer thickness of Asur Allround Paint Remover. For absorbent substrates, the layer thickness of Asur Allround Paint Remover must be increased by a factor of 1.3 - 1.5. Several test areas on the original object are the optimal basis for an exact calculation. Material consumption can range from at least 250 ml/m² to 2 l/m².

Wastewater Disposal

General:

Before starting the work clarify the situation with the local authorities. In most municipalities wastewater (mixture of dissolved paint and varnish residues as well as solvent from the remover) can be discharged directly into the sewage system after the solids have been separated and neutralized.

Wastewater collection tray:

To create a wastewater collection tray, proceed as follows:

Stick the delta-tarpaulin or chemical-resistant film to the wall with a strong adhesive tape. Place square timbers under the oppositely film sides to form a tub. Suck off wastewater and dispose of it properly. If necessary, set up wastewater storage container.

Water treatment:

If the authorities require wastewater treatment, coordinated reaction release agents can be offered, which ensure compliance with the local wastewater limit values. The resulting wastewater must then be collected (e.g. 1000 l container). Apply the product "Scheidel sofchem Universaltrennmittel 52" (release agent) according to the technical information. The separated paint sludge is to be disposed of according to its composition.

Danger note

The current safety data sheet is decisive. If required, please request by e-mail: info@scheidel.com

Precautions: Mask plastic surfaces. PCB-renovation: Do not apply using the airless method.

Application Table for Scheidel Removers and Strippers

	Building protective paints and plasters e.g. facades, walls, ceilings (e.g. stucco, ornaments)	Varnish e.g. furniture, window shutters, metal fences	2K coatings e.g. car bodies, floor coatings
1. Selection	Asur	Asur	Oxystrip
Alternatives	SG94	Oxystrip	Blitz
	Powerclean	Blitz	Powerclean
		Powerclean	

Post removal cleaner: UltraFix

All information contained in this technical information is based on practical experience. Universal applicability is excluded because of the different practice requirements. Self-tests are to be carried out. With the publication of this technical information earlier editions lose their validity.

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