Drystrip Alkaline

Dry Paint Remover

preliminary Technical Information

Product features

- Water-based, alkaline paint stripper in mineral emulsion form
- Dissolves and binds paint and varnish layers due to its paste form
- Paint stripping without smearing
- Fast and intensive, with deep penetration
- **Odorless**
- **Completely solvent-free, (0% VOC)**
- Easy processing
- Adjusted ready for use
- Highly alkaline, neutralization with acid (e.g. Scheidel Neutra-S) is required

Scope of application

- Alkyd resin, oil and natural resin paints / varnishes, glazes and alkaline soluble synthetic resin paints
- For the removal of lead-containing paints and 1K-corrosion-protection-paints
- On wood, metal, mineral (also porous) substrates
- Particularly suitable for interior as well as exterior use
- On all alkali-resistant substrates

Description dry paint remover

Scheidel Drystrip Alkaline is the new, innovative generation of paint strippers.
By using special fillers, the paint stripper **"dries" in paste form from the surface** and thus **binds the layers of paint and varnish to be stripped.** If the Scheidel Drystrip Alkaline Dry Paint Remover is removed at the optimum dissolving point, stripping is possible without smearing. Because it is **solvent-free**, **Scheidel Drystrip Alkaline is very environmentally friendly**, conserves resources and is an **odorless** alternative to conventional paint strippers. When stripping coatings containing lead and pollutants, these can be bound by the paste form of the dry stripper, thus enabling the emission of pollutants to be reduced.

Technical limits

Not suitable for: 2K-paint-systems, e.g. PU, epoxy and highly cross-linked stoving coatings, bituminous paints and waterborne acrylate resin paints as well as for application on aluminum. Conditionally suitable on alkali-resistant or unknown substrates only for a short time, e.g. plastics, rubber (seals), a compatibility test is mandatory. Woods containing tannins (e.g. oak, tropical woods, etc.) are irreversibly darkened by alkaline paint strippers. The bonding of veneered wood may be dissolved. **Always create test areas** and, if necessary, test other products from the Scheidel stripper system.

Technical data

Density at 20°C:	1,36 g/cm³
Colour:	beige
Odour:	neutral
Solubility in water:	emulsifies
pH-value:	13 - 14
Viscosity at 20°C:	pasty
Water hazard:	WGK 1 (water hazard class)
Consumption:	250 - 400 g/m² – depending on the number and layer thickness of the paint/lacquer layer to be removed
Minimum processing temperature:	5°C; optimal object temperature 10-35 °C
Storage/BBD:	cool and dry in closed original container min. 24 months
Packages:	1 kg, 10 kg
Item number:	1152

Application

Scheidel Drystrip Alkaline Dry Paint Remover dissolves and removes 1K-lacquers and paints based on alkyd resins, oil and natural resins, glazes, alkaline soluble synthetic resin lacquers, polishes, NC lacquers and beer lacquers. In particular, Drystrip Alkaline is well suited for removing lead-containing paints (red lead) and 1K-corrosion-protection paints. Drystrip Alkaline can be applied to small and large areas indoors and outdoors. **Because it is solvent-free and odorless, the paint stripper is particularly suitable for work in interior areas.** Surfaces that are not to be stripped should be thoroughly covered.

In order to develop the full dissolving properties, care must be taken to ensure sufficient saturation of the material. The **optimum dissolving (time) point for removing paint layers is reached when they are soft. This can be easily determined by scratch tests at time intervals.** Remove Drystrip Alkaline when it has dried slightly on the surface; the substrate may still be slightly damp. For longer exposure times, always cover with a film to prevent complete drying. Do not leave Drystrip Alkaline on the substrate longer than necessary to dissolve the paint layers, otherwise the subsequent neutralization of the substrate may be impeded. Complete "through-drying" makes removal unnecessarily difficult and is not recommended. If the Scheidel Drystrip Alkaline has nevertheless dried completely, it can be dissolved by remoistening with water and allows easier removal.

Reaction time:
A few minutes to several hours, strongly dependent on the number, layer thickness and type of paint or varnish layers to be removed. **Create test areas!**

Disturbing influences:
Damp substrates, rain, drafts, low temperatures (cold), insufficient material application.

Supportive influences:
Warm temperatures, covering the stained area with thin film. Sufficiently long exposure time.

Scheidel GmbH & Co. KG • Jahnstr. 38-42 • D-96114 Hirschaid • Tel. 09543/8426-0 • Fax: 09543/8426-31
info@scheidel.com • www.scheidel.com

Processing

Four steps to success: APPLY - REACT - REMOVE - NEUTRALIZE

1. Application:
Stir Drystrip Alkaline before application if necessary, then apply evenly and very thickly with a spatula, trowel or brush (plastic bristles only), cover with a thin film (e.g. furniture cover film) depending on the exposure time. For application by airless spraying, dilute product with water up to 5% if necessary. Consumption depends on number, layer thickness and type and is between 250 - 400 g/m². Adjacent surfaces and objects that are not to be stripped must always be thoroughly covered and protected (also protect plants and lawns if necessary).

2. Reaction:
Thin layers of paint are quickly dissolved in a few minutes (5-30 min.), with thick layers of paint the exposure time can be considerably longer (6-12h).

3. Removal:
Always remove dissolved layers of paint and varnish at the optimum dissolving point (see application) using a spatula, scraper or hot-water high-pressure cleaner or by spray-suction method. Wash off any remaining residue with a cleaning tool (e.g. cleaning sponge, brush) using Scheidel UltraFix Intensive Cleaning Concentrate (diluted 1:5 with water); this dissolves any remaining paint residue from the pores.

4. Neutralize:
The surface cleaned with Scheidel UltraFix Intensive Cleaning Concentrate **should be neutralized immediately with Scheidel Neutra-S.** For this purpose, spray the surface with Neutra-S or apply generously with a brush and rub in, allow to act for at least 15 minutes, then rinse thoroughly with clear water. **Neutralization must be repeated on the completely dry surface (after 12-24 hours).** For this purpose, apply Neutra-S again, allow to act and then rinse with clear water. The dried, neutralized surface should show a pH-value of 6-8 (check with pH-test strip. Moisten it with water, press it on the surface, let it act for a short time, then read the value). If the pH-value of the surface is still greater than value 8, the neutralization process must be repeated.

Note:
Inadequate neutralization of surfaces can lead to considerable consequential damage to subsequent varnish and paint coats (e.g. due to flaking/staining, discoloration). Wood containing tannins (e.g. oak, tropical woods, etc.) should be stripped with other paint strippers due to the risk of discoloration. Before recoating, the wood moisture content should be max. 13%. Principles of constructive wood protection must be observed.

Wastewater disposal

Product and paint stripping residues as well as the wash water must be disposed of properly in accordance with official regulations.
Release into the environment must be avoided.

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. Expert reports regarding the biodegradability of the paint stripper are available.

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). The separated paint sludge is to be disposed of according to its composition. Scheidel Neutra-S can be used to neutralize the waste water and adjust the pH value (6-8).

Danger note

The current safety data sheet is decisive. If required, please request by e-mail: info@scheidel.com
General:
Causes severe skin burns and eye damage. Wear protective gloves and eye/face protection. Be sure to hold eye wash bottle with water/buffer solution ready. **In case of contact with the eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **Contact doctor immediately!**

As of 18.09.2019