

GEL STRIPPER

Ultra-effective solvent-free and non-corrosive gel stripping agent



TECHNICAL SPECIFICATIONS

FIELD OF APPLICATION

APPLICATIONS



Description

GEL STRIPPER is a broad-spectrum gel paint stripper effective on:

- All types of paints, enamels and varnishes.
- Coatings (formulated with oil, nitrocellulose, acrylic, polyester, polyurethane, epoxy, water-borne paints, etc.).
- Adhesives for carpeting or wall paper.

GEL STRIPPER acts by disintegrating the polymer and causing it to swell, which facilitates the product's removal.

GEL STRIPPER does not develop flammable or bad-smelling vapours and releases a pleasant citrus fragrance.

GEL STRIPPER contains a special abrasive granulate that exerts an effective removal action as early as the application phase.

GEL STRIPPER is not hazardous for the operator and the environment in which it is used and is not corrosive, since it does NOT contain dichloromethane, N-Methyl-2-pyrrolidone (NMP) and strong acids.

Colour

GEL STRIPPER is a dark orange matt gel.

Field of application

GEL STRIPPER is ideal for removing coverings, paints or coatings from:

- Building surfaces, for wall paints.
- Objects made of steel, non-ferrous metals and copper alloys (railing, sheet metal, frames, etc.).
- Wooden objects.
- Resin coatings in general.

Advantages

- GEL STRIPPER is ready-to-use.
 - GEL STRIPPER is effective also in removing bi-component coatings and enamels.
- GEL STRIPPER is not dangerous for the operator.
- GEL STRIPPER is very persistent on the surface and does not generate vapours that are flammable or dangerous to human health.
 - GEL STRIPPER has a slightly alkaline, non-corrosive pH and is thus suitable for treating steel or other metal alloys not protected against corrosion.
 - GEL STRIPPER features a pleasant citrus-scented fragrance.

General preparation of the laying support

GEL STRIPPER is applied directly on the surface to be treated without any special preparations.

Preparing the product

- GEL STRIPPER is ready-to-use.
- Open the container, briefly mix the product and proceed with the application.

Application of the product

- Verify in advance the chemical resistance of the surface to be stripped and the product's efficacy, by applying GEL STRIPPER on a small hidden portion of the object to be treated.

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- Apply GEL STRIPPER using a brush.
- Coat the entire surface to be treated with a uniform film of gel roughly 1 mm thick.
- GEL STRIPPER can be applied also by spraying.

In this case, bear in mind that it contains abrasive chippings with roughly 0.2 mm grain size.

When applied by spraying, it is advisable to protect the airways against aerosol inhalation with a dust mask (type FFP2 as per the EN 149 standard).

- GEL STRIPPER can be used for paint stripping in immersion.
- Leave the product to take effect and periodically verify the stripping effect (scratch the surface with a trowel).

The speed of the action depends largely on the work temperature, the thickness and nature of the coating.

The contact time is normally between 10 minutes and 12 hours.

- To enhance the stripping effect, cover the treated surface with polyethylene film.

This solution limits the evaporation of the active substances contained in GEL STRIPPER, especially with high ambient temperatures (above +27°C).

- Remove any coating residues from the surface using mechanical equipment (trowel, scraper, etc.) or a power wash, continuing until the damp parts detach completely.

- Repeat the application if necessary, especially in case of surfaces coated with several layers.

- Rinse the surface with water, preferably hot, using a brush with nylon or sorghum bristles.

Where necessary and possible, a brush with metal bristles can also be used.

- GEL STRIPPER is partially soluble in water. The paint stripping residues must be thoroughly diluted with water before pouring them down the drain.

Consumption

type of application	minimum consumption	maximum consumption	UoM	dilution
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The indicated consumption refers to (20–23°C). At higher temperatures, the applicable quantity decreases because the product's viscosity decreases.

Cleaning of tools

- Rinse the tools and containers used for the application several times with water.

Useful application tips

- Do not mix the product with acids or alkalis (such as caustic soda, bleach).
- If used indoors, aerate the room in which the product is used by arranging a sufficient change of air to facilitate the expulsion of vapours.
- When applied by spraying, it is advisable to protect the airways against aerosol inhalation with dust masks (type FFP2 as per the EN 149 standard).
- Do not deliberately dispose of the product in sewers or in the ground.
- At the end of the stripping process, the residues of GEL STRIPPER can be eliminated with lukewarm water.
- Read the Safety Sheet carefully before using the product.

Technical data

► PRODUCT IDENTIFICATION DATA	UoM	value
Density at 23°C, EN ISO 2811-1	kg/L	1,15 ± 0,03
pH (potentiometric method) at 23°C, ISO 4316	-	8,5 ± 0,2
Brookfield apparent dynamic viscosity (23°C / 50% R.H. ASTM#6 spindle, 10 rpm), EN ISO 2555	mPa.s	47000 ± 10
Brookfield apparent dynamic viscosity (23°C / 50% R.H. ASTM#6 spindle, 100 rpm), EN ISO 2555	mPa.s	8400 ± 5
STI (Shear Thinning Index), ASTM D2196	-	5,6
Appearance	-	Thixotropic gel
Colour	-	Dark orange

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► PRODUCT IDENTIFICATION DATA	UoM	value
Odour	-	Of citrus
Active substance content	-	(99 ± 1)%
Height of the foam - Ross-Miles method, diluted 1:10 with water (after 1 minute), ASTM D1173	mm	0

Storage of the product

- 24 months in the closed original packaging, in a dry and covered place away from direct sunlight, at a temperature between +5°C and +35°C.

Packages

VARIANT	PACKAGE	ADR	PACKAGES PER PALLET	COMPONENTS
-	12 barattoli da 0,75 L	NO	21 scatole	
-	9 fustini da 2 L	NO	18 scatole	
-	fustino da 15 L	NO	44 fustini	

Legenda ADR:

NO = merce NON PERICOLOSA

LEGAL NOTES

Advice on how to use our products corresponds to the current state of our knowledge and does not involve the assumption of any guarantee and / or responsibility for the final result of the work. They do not refore exempt the customer from the responsibility of verifying the suitability of the products for the use and the prefixed purposes through preventive tests. The website www.nordresine.com contains the latest revision of this datasheet.

EDITION

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