

NORUSTXL

RUST REMOVER



NORUST XL is FILA's stain remover for surface rust.

NORUST XL's gel-like consistency means it can also be used on vertical surfaces, maximising the product's effectiveness and avoiding waste.

CHARACTERISTICS AND ADVANTAGES

- Removes surface rust deposits
- Non-acidic formula
- Viscous consistency
- Does not foam, easy to rinse
- Does not damage metal profiles (steel and aluminium)
- Does not affect the material

MATERIALS

MARBLE, GRANITE, NATURAL STONE, AGGLOMERATES, PORCELAIN TILES, CERAMIC TILES, TERRACOTTA, CONCRETE, METAL, GLASS, PAINTED SURFACES

FIELDS OF APPLICATION

- It can be used on widespread and extensive rust contamination on both horizontal and vertical surfaces.
- It removes surface deposits from marble, granite and natural stone surfaces, without affecting the finish.
- It is suitable for large, hard-to-treat areas such as stains caused by iron sulphate-based fertilisers.
- It prevents rust formation by neutralising corrosive processes typically found at shipyards or in areas near ferrous structures (sheet metal, Corten steel).
- Its viscous consistency means it acts uniformly and doesn't need to be spread or worked in.
- **NORUST XL** acts selectively, distinguishing rust from other surface impurities and making diagnosis quick and simple.
- It removes rust caused by contact with ferrous objects.
- Suitable for cleaning in compliance with UNI 11493: 2016-1 standards.

HOW TO USE IT

No dilution required: ready to use.

Application:

1. Apply the product to the surface using a brush or a fleece pad.
2. Leave to act for about 15 minutes.
3. The product's colour will change to deep purple as it reacts with the rust.
4. Once the indicated time has elapsed, remove the product residue and rinse the surface thoroughly with clean water, then leave to dry.
5. In case of stubborn stains, repeat the application and leave the product to react for a longer period.

CLEANING APPLICATION TOOLS: clean with water immediately after use.

WARNINGS

The product may damage the wax finish on treated surfaces. The wax can be reapplied after cleaning. If the purplish mark remains on the surface, rinse thoroughly with water.

Note: the product has a characteristic smell.

TOOLS FOR APPLICATION



WAX
APPLICATOR



FLAT BRUSH



WET VAC

The tools can be cleaned with water.

TECHNICAL SPECIFICATION

Rust remover (pH: 8 in water, density: 1,067 kg/L), composed of reducing agents in a viscous solution with controlled pH. It removes rust and prevents rust formation. It is effective on horizontal and vertical surfaces, both indoors and outdoors. It is suitable for non-absorbent surfaces such as porcelain, ceramic, marble, granite, natural stone, agglomerates, terracotta, concrete, metal, glass and painted surfaces.



TECHNICAL TESTS

HOW IT WORKS

Iron-oxide deposits alter surface appearance via an electrochemical process when they are exposed to oxygen and moisture.

NORUST XL reacts selectively with iron oxides (rust), forming a water-soluble chemical complex.

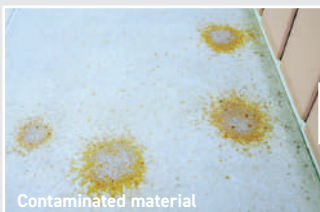
This reaction produces its characteristic deep purple colouring, making rust easy to spot and distinguish from other contaminants.

The product not only identifies the problem, it also allows you to solve it easily, removing the rust without damaging the surface.

The reaction can be stopped at any time either by thoroughly rinsing the surface with water or, for acid-resistant surfaces, by washing with an acid solution such as **DETERDEK PRO**.



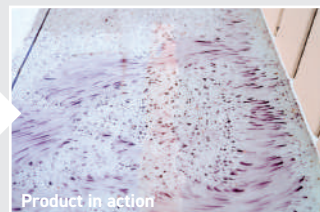
The image shows **NORUST XL** in action on porcelain: the viscous solution reacts with ferrous residues, instantly and accurately identifying rust with its purple colouring. The product acts selectively without damaging tiles, grouting, metal profiles or any surrounding furnishings.



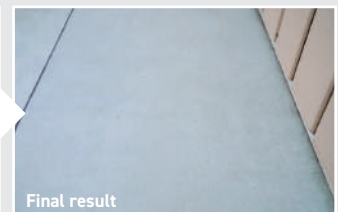
Contaminated material



NORUST XL application



Product in action



Final result



TECHNICAL FEATURES

COMPOSITION	Reducing agents in a viscous solution with controlled pH
APPEARANCE	viscous liquid
ODOUR	characteristic
DENSITY	1,067 g/cm ³
pH	8
STORAGE TEMPERATURE	From 5°C to 30°C
APPLICATION TEMPERATURE	From 5°C to 30°C
VOC (volatile organic compounds) (Directive 1999/13/EC)	0,09 % - 0,96 g/litro



COVERAGE (1 litre)

up to 10 m²

Coverage rates are indicative.



FORMATS

1 litre: 12-piece cartons.

5 litres: 4-piece cartons.



SAFETY TIPS

Keep out of reach of children. Do not disperse into the environment after use. The product is classified as dangerous under Regulation 1272/2008 (CLP) and subsequent amendments and supplements. For safety-related information, please refer to the safety data sheet available on the website www.filasolutions.com and carefully read the product's label.



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*The above information reflects our latest technical know-how and is the outcome of ongoing laboratory research and testing. However, due to factors outside our control, the suggestions given must always be verified. We therefore suggest checking the product's suitability for the intended purpose, by consulting the relative technical and safety data sheets available on the website www.filasolutions.com
FILA does not take responsibility for the improper use of its products.*