

BRUNOX[®] Epoxy Industrial Quality and BRUNOX[®] Epoxy Spray

- developed for industries and ambitious do-it-yourself customers
- patented: world wide first rust converter with Epoxy resin!

- 1. Product:** Epoxy containing solution with rust converting and iron protecting chemicals.
- 2. How it works:** Rust is converted into a black protective layer by BRUNOX[®]

Rust converter, preventing any further rusting. The Epoxy resin in BRUNOX[®] Rust converter provides a highly resistant surface protection against influences from the environment and aggressive chemicals.
- 3. Application areas:** Wherever rust is found, inside and outside.
Not suitable for underwater-application.
- 4. Application:** Remove loose rust, grease and dirt by using a brush, sandpaper or a sandblast unit. The rust has to be removed in accordance to DIN 55928 part 4, purity-degree ST 2 or if necessary SA 2 1/2. Tint and rust may only be visible as a light shading, this as a result of the tint of the pores. Besides the rustless steel must be free of dust and grease.
Shake well the BRUNOX[®] Epoxy Spray.
Apply BRUNOX[®] Epoxy two times with brush, roller, spray gun or airless-method.
Spray: distance to spray appr. 25 cm, 3-4 layers are to apply.
Do not apply the spray at temperatures below 10 °C, the industrial quality below 5 °C.
Eventually dilute it with up to 10% acetone (normally not necessary).
Eventually burn it on up to 180 °C
Application tools can easily be cleaned with universal-dilution, the brush can be cleaned with water immediately after use.
For further information consult directions for use.
- 5. Further Proceeding** No priming necessary! After the complete hardening of the protection coat the next coats have to be laid on.
BRUNOX[®] is compatible with nearly all customary surfacers, fillers and covering coats (no nitro):
 - no bleeding through
 - no lifting off of the surfacer
 - no lifting off of colours and varnishesIn case of the use of two-component covering varnish a test is recommended.
- 6. Storage:** Unlimited storage at room temperature and in well closed tin.
Protect spray from direct sun and temperatures over 50 °C, danger of burst!
- 7. Environmentally-friendly:** not harmful to the environment because it
 - does not contain heavy metals (lead, chromate, zinc)
 - no harmful solvents

-no aggressive mineral acids.
-no aggressive odour
Spray is without FCHC, propellant CO₂

8. Packing Industrial Quality: 30 ml, 100 ml, 250 ml, 1000 ml, 5 l
Spray: 150 ml and 400 ml

9. Technical information:

Colour: amber-coloured
Recommended 40-50 my at least
dry-film-thickness: (=2 layers by brush, 3-4 layers by spray)
Coverage: approx. 60g per m²/per coat
15 m² per litre/per coat
Dilution: with max. 10% acetone
Heat-resistant: up to 180 °C for 10 minutes, permanent approx. 80 °C.
Dust-dry: after approx. 1 hour at 20 °C and dry air
Hardened: after approx. 24 hours at 20 °C and dry air
pH-value: approx. 4 – 4,5 DIN 53785
Degree of brightness: approx. 60%, depends on the degree of rust
Solid content: approx. 25%, spray approx. 16% DIN 53216
Specific weight/20 °C: 0,99 ± 0,02 kp/dm³, spray 0,9 kp/dm³ DIN 53785
Viscosity/25 °C: approx. 118 centistokes, spray approx. 37 centistokes
DIN EN ISO 3219 / Very good creeping qualities.



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BRUNOX AG, Tunnelstrasse 6, CH-8732 Neuhaus/ SG

The technical information contained herein is given in good faith. It is based on experiments in our laboratory and on the present state of our knowledge. The data given might vary according to the use of the product and the application conditions, on which we have no control. Therefore, our guarantee is limited to the specific quality of the product.

29/10/2009/BL/dm