

Neopox[®] Primer 815

Anti-corrosive epoxy primer

Fields of application

Neopox[®] Primer 815 is a two-component solvent-based anti-corrosive epoxy primer, suitable for metallic surfaces that undergo significant mechanical stresses, or metallic substrates that are periodically or constantly in contact with fresh water or seawater, dilute acids and their fumes. The product can be applied to metallic and polyester structures, tanks, piping, fencing, etc.

Properties

Neopox[®] Primer 815 offers high resistance to abrasion, as well as excellent anticorrosive protection and resistance against fresh water, sea water, alkalis and dilute acids. It is highly durable against adverse weather conditions, industrial atmosphere and petroleum derivatives. It exhibits very strong adhesion on metals and offers excellent adhesion to epoxy, acrylic, alkyd and polyurethane top coats.

Technical Characteristics

Density	Component A: 1,45gr/cm ³ Component B: 0,90gr/cm ³
Mixing ratio (weight proportion)	100A:20B
Consumption	150-180gr/m ² per coat
Drying time (+25°C)	2-3 hours
Pot life (+25°C)	1 hour
Total hardening	7 days
Dry to recoat (+25°C)	12-24 hours
Temperature of application	From +12°C to +35°C
Solids % by weight	65%

V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AjSB "Two-Pack reactive performance coatings": 500g/l (Limit 2010). V.O.C. content of the ready to use product <500g/l.

Instructions for use

Surface preparation: The metallic surfaces should be clean, dry and free from dust, oil, grease, and any poorly adhering material. Any areas with rust should be sandblasted or scrubbed with a wire brush and cleaned thoroughly. The rust converter **Neodur[®] Metalforce** is proposed to be used locally on any rusty parts, prior to the application of **Neopox[®] Primer 815**. New metal surfaces may be degreased with solvent **Neotex[®] 1021**.

Application: **Neopox[®] Primer 815** is applied in at least one layer, diluted 8-10% with solvent **Neotex[®] 1021**, by brush, roller or airless spray. Prior

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to application, both components A & B are mixed at the predetermined ratio and, after the addition of **Neotex[®] 1021**, stirred for app. 3-5 minutes with a low speed electric stirrer, until the mixture is homogeneous.

Notes

- *Application Conditions:* Substrate moisture <4%. Relative air humidity <70%. Ambient temperature: +5°C min. / +35°C max.
- **Neopox[®] Primer 815** should not be applied under wet conditions, or if wet conditions are expected to prevail during the curing period of the product
- Low temperatures and high humidity prolong drying times
- In case more than 24 hours have passed before overcoating **Neopox[®] Primer 815**, its surface should be sanded lightly

Colour

Grey

Packing

1kg and 6kg sets (components A & B have fixed weight proportions).

Cleaning of tools & stain removal

By **Neotex[®] 1021** immediately after application

Storage stability

2 years, stored in its initial, sealed packing, protected from sunlight, humidity and frost

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.