

Neopox[®] Booster PR

Fast-curing technology booster for epoxy primers

Description

Fast-curing technology booster for epoxy primers, designed to accelerate curing and reduce overall application time of coating systems. Allows reliable application even at low temperatures.

Fields of application

As an accelerator for the epoxy primers **Neopox[®] Primer WS**, **Epoxol[®] Primer SF-P**, **Epoxol[®] Primer SF**, **Neopox[®] Primer BM** and **Neopox[®] Oil Primer**, when faster drying and quicker overcoating are required.

An ideal choice for projects with tight schedules & strict timelines.



Packing

150ml

Properties - Advantages

- Suitable for applications with strict time constraints, ensuring rapid curing and quick overcoating of primers
- Enables reliable application of epoxy primers at lower application temperatures (down to +5°C), reducing project risks and delays
- Easy-to-add solution that enhances the versatility of existing systems

Technical characteristics

Density (EN ISO 2811-1)	0,98kg/L (±0,05)
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Recommended dosage:

- 1 unit 150ml / 10kg set **Neopox[®] Primer WS**
- 2 units 150ml / 9kg set **Epoxol[®] Primer SF-P**
- 1 unit 150ml / 10kg set **Epoxol[®] Primer SF**
- 1 unit 150ml / 5kg set **Neopox[®] Primer BM**
- 1 unit 150ml / 5kg set **Neopox[®] Oil Primer**

Application conditions

Substrate moisture content	<4% (or according to the epoxy primer specifications)
Relative air humidity (RH)	<80% (or according to the epoxy primer specifications)
Application temperature (ambient - substrate)	+5°C min. / +35°C max.

Curing details

	Pot life (RH 50%)		Drying time (RH 50%)		Dry to recoat (RH 50%)	
	+23°C	+5°C	+23°C	+5°C	+23°C	+5°C
Neopox® Primer WS (150ml / 10kg set A+B)	~25 min.	~22 min.	3,5 hours	~8 hours	4 hours	>8 hours
Epoxol® Primer SF-P (300ml / 9kg set A+B)	~25 min.	~22 min.	3,5 hours	~5 hours	4 hours	>6 hours
Epoxol® Primer SF (150ml / 10kg set A+B)	~25 min.	~22 min.	5 hours	~8 hours	5,5 hours	>8 hours
Neopox® Primer BM (150ml / 5kg set A+B)	~25 min.	~25 min.	5 hours	~7,5 hours	6 hours	>8 hours
Neopox® Oil Primer (150ml / 5kg set A+B)	~25 min.	~25 min.	5 hours	~7,5 hours	6 hours	>8 hours

* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them

Instructions for use

The two components A & B of the epoxy primer are mixed in the predetermined ratio and mechanically stirred for approximately 2-3 minutes using a low-speed mixer, until a homogeneous mixture is obtained. This is followed by the gradual addition of the recommended amount of **Neopox® Booster PR**, with further mixing for 1-2 minutes to ensure full incorporation of the accelerator.

Alternatively, Neopox® Booster PR may be added directly to component B of the primer, in the recommended amount, and mechanically mixed with a low-speed mixer until fully incorporated. Subsequently, the mixture of component B with the accelerator is added to component A and remixed until homogeneous. With this mixing method, the pot life of the final mixture is slightly increased.

Thereafter, the epoxy primer is applied in accordance with the instructions of the relevant technical data sheet

Special notes

- **Neopox® Booster PR** is intended exclusively for addition to the epoxy primers listed in this Technical Data Sheet. Its addition to epoxy coatings, self-leveling epoxy systems, or other epoxy- or resin-based products is not recommended.
- It is recommended that the entire mixture be poured out along the floor area to be applied and not remain in the container after mixing, in order to avoid potential overheating.
- **Neopox® Booster PR** is ready for direct addition to the epoxy primers for which it is intended; its dilution is not recommended

Appearance	Transparent liquid
Packing	150ml in plastic bottles
Cleaning of tools – Stains removal	By Neotex®1021 immediately after the application. In case of hardened stains, by mechanical means only.
Volatile organic compounds (V.O.C.)	Limit value of maximum VOC content acc. to the E.U. Directive 2004/42/CE for this product category A/j “Two-pack reactive performance coating” (SB): 500g/l (Limit 1.1.2010) – Max. VOC content of the ready to use product: 499g/l
UFI code	FNT0-P026-G009-UYFS
Storage stability	1 year, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

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 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.

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