

**STUFEX<sup>®</sup> PR 91**  
Two-Component Epoxy Primer

Rev. January 2014

**Applications**

Two-component epoxy primer with no water or solvents for the renewal of dusting floors. It can be used as a consolidant anti-dust treatment, to reduce residual moisture up to a maximum of 3-5% before application of the flooring itself.

**Technical data**

PRODUCT IDENTIFICATION DATA	
Appearance	Transparent brown liquid
Viscosity on testing	600 cP s DIN 4 140 s
Viscosity thinned 20%	75 cP s DIN 4 20 s
Conservation	In the original container kept tightly shut, avoiding low temperatures. Use preferably within 12 months.
APPLICATION DATA	
Catalysis ratio	2 (A):1 (B)
Working time	about 30-40 minutes
Recoating	6-12 hours
Hardening time	12 - 24 hours
Cure time	2 – 3 days
Dilution	Thin with up to a maximum of 20% STUFEX 001
How to apply	Paintbrush Roller

*The above information applies to a temperature of 20°C and relative humidity of 60%. A different temperature and/or relative humidity can lead to variations in these data.*

**How to apply**

**PREPARATION**

Thoroughly clean the substrate to be treated and make sure there are no traces of oil, grease, wax or paint stains, THAT THE SUBSTRATE TO BE TREATED IS NOT WET AT THE TIME OF APPLICATION and that all loose particles and impurities have been removed.

Cement floors can have a very compact, not very absorbent surface unlike the one below, which may be friable; in this case they must be roughened to encourage greater penetration.

It is not suitable for waterproofing floors made of ceramic tiles or vitreous surfaces.

Do not use primer PR 91 Epox for waterproofing damp surfaces with incorporated heating or as waterproofing against moisture under thrust.

For an insulating, anti-moisture, anti-dust consolidant treatment, make sure that the substrate to be treated is sufficiently absorbent so as to allow the almost complete absorption of the approximately 20% thinned coat of PR 91 Epox to favour sufficient anchoring.

In some cases (excess product), we recommend application of dry sand dust when the primer is still fresh to roughen the surface.

After hardening, the excess sand must be removed.

Should the primer without sand not be absorbed (surface film) or the subsequent bonding is not performed in 24 to 48 hours, it must be sanded thoroughly.

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**APPLICATION**

Mix the two components in a ratio of 2:1 with a mixer at a speed of 300-500 rev/min. until complete homogenization (take care not to heat the mixture).

Apply a coat thinned about 20% to obtain a surface that is completely sealed but, in any case, rough enough to allow the adhesive to grip.

If necessary, apply a second coat after 6-12 hours to obtain a surface that is completely sealed yet sufficiently rough.

Do not apply too much product.

It's important not to exceed the intervals between coats to ensure perfect adhesion between each coat, otherwise it will be necessary to roughen the surface by sanding.

The bonding of the floor must then be performed afterwards, exclusively with two-component adhesives such as PL 97, PL 96 or PL 200.

We recommend that a preliminary test is always carried out on a small surface to make sure there is no excessive moisture or inadequate anchoring.

(Tools can be cleaned with STUFEX 001 thinner)

**Yield**

The ideal quantity to apply is

**200-300 g/m<sup>2</sup>**

depending on the absorbency of the substrate.

**Packaging**

The product is supplied in drums of

10kg – 5kg

**Warnings**

When handling avoid contact with the eyes or skin, wear suitable protective clothing because the product may cause irritation.

**The instructions provided in this document are consistent with the most recently available information on the development and use of our product. Because we have no control over the onsite use and application of the product, we may only be held liable for the quality of the product as supplied.**