

How to Apply StucVernishPU:

StucVernisPU

StucVernisPU is a two component varnish and a good protection for KalkStuc Granito and Deco, to use where the risk of contamination and stains is high. StucVernisPU is film-forming, and closes the KalkStuc completely from all contamination. StucVernisPU offers 24H protection against water, cola, juice, lemon, coffee, oil, tomato concentrate, alkaline and acid detergents.

Extended contact with e.g. vinegar, undiluted bleach etc. makes stains in the StucVernishPU.

StucVernisPU is applied in minimum of 2 layers (can be more). StucVernisPU must always be applied to a fully dry surface.

Please note: There is only one correct way to apply the StucvVernishPU !

Firm, Quick and in Thin layers. All other methods will end in redoing the KalkStuc!

- Mix StucVernishPU 1:3 and stir very well, then let it rest for 10 minutes, (defoaming).
- StucVernisPU should always be vigorously rolled on to the surface in thin layers, working in all directions (applied crossed), to ensure maximum markings and to obtain a good penetration of the StucVernisPU into the KalkStuc.
- Use a new/clean dry felt roller of max. 5 mm. and never use a wet roller as doing so will dilute the first square meters and the surface will become white!
- The first layer should not be diluted, and you have to apply it very quickly, not leaving any traces of excess varnish as doing so can result in a "white reaction" (that can not be sanded down, instead you need to redo the whole KalkStuc process!)
- This method results in a quick drying layer, that will be dust dry after 20-30 minutes.
- The second, and all layers following, may be diluted 2-5% with water and applied in a thicker layer.
- Allow 5-24 hours drying time between each layer, if more than 24 hours pass you have to use sandpaper between layers.
- Apply one, two or more layers until all the surface is fully covered.
- For smaller projects (furniture etc) you can use a clean dry brush, and follow the same steps as previously described.
- StucVernisPU is (undiluted) dust dry after 20 - 30 minutes. Full cure after 7 days, before this certainly not entrust with water.

Processing conditions:

inside in a well-ventilated room, outside must be dry. Ambient temperature minimum 10°C and relative humidity max 80%.

The surface needs to be fully dry. If the StucVernisPU is applied on a damp surface there is a risk that the PU will react with the calcium dissolved in the residual moisture. Apply the StucVernisPU undiluted in a very thin layer so that it can dry out quickly, and reduce this risk.

Applying the Stucprimer ensures that all moisture from the KalkStuc evaporates, so that the drying time is longer than on an absorbent surface.

If the surface is moist (new constructions which still needs to dry out, new screed, new concrete, walls rising damp, ..etc) the dry out will take very long time. It is always recommended first, to let the surface dry out, before applying the damp KalkStuc.

KalkStuc on a damp surface may require several weeks to fully dry out, even though it seems that the surface of the KalkStuc already dried after 24 hours!

On dark colours and large areas, pay attention to overlaps when applying StucVernisPU. An extra layer can make earlier overlaps less noticeable. The application of an additional layer of StucSoap (after one week) can also hide any overlaps and facilitate maintenance afterwards. StucSoap gives a little darker colour and a slight gloss.

If the StucVernisPU is worn, it must be fully sanded and re-applied.

Tip: Connection between the KalkStuc and other materials (acrylic shower, taps, ...etc), should be done after the completion of the StucVernisPU, with MS Polymer suitable for natural stone.

Tip: Be careful with other qualities of PU varnish, it can add more gloss and may show higher risk of overlaps than StucVernisPU.

Some PU varnishes show a strong white haze after drying.