Professional tip

Treating floors with KUNOS Natural Oil Sealer N° 244 (clear)

For best results, some basic rules must be observed:

I. Pre-sanding:
In general, wooden floors need to be pre-sanded gradually up to grain size 180. According to the grading of the sandpaper-grit, sand floors with a roll grinding machine (grinding machine with a sandpaper roll) up to grain size 120, then use a grinding grid until grain size 180. The skipping of grain grades causes irregularly colored areas.

On flat surfaces you usually work with a rotary disc machine. For edge areas and corners we recommend the use of an edge sander.

Grinding grids are subject to a rapid wear. A grid with grain size 120 lasts for about 8 to 10 m^2. Grinding with blunt grain results in a surface that appears cloudy. It is therefore important, to always have a sufficient supply of grids available.

Sanding dust needs to be vacuumed between the different steps of grinding so that the grinding result can be checked by examining the sanded parts from the side against the light. Cloudy grinding images must be eliminated. If in doubt, consult a professional for advice.

If you are planning a colored treatment, please refer to the professional tip N° 1210-4-11E "Colored surfaces with KUNOS".

Please absolutely avoid that the sanded wooden surfaces come into contact with water, damp shoe soles or anything alike prior to treatment with the KUNOS Natural Oil Sealer! This would lead automatically to an irregular, patchy oil absorption on the affected areas.

II. Application:
For the oil application, we recommend a short-pile roller or a flat brush with dense bristle covering, in order to facilitate the wetting process.

In case of a mechanical application, KUNOS Natural Oil Sealer is first applied thickly and for the following coats drop by drop on the floor surface and then padded in straight away in order to achieve a uniform penetration.

When applying the oil, take care that you apply it only on as much surface as you are able to pad in after 10 minutes per machine or per hand. For larger areas, it makes sense to work with two persons.

The second coat is carried out the same way as the first coat. The third coat needs to be polished in immediately without delay by machine or with a cloth.

It is important that there are no oil puddles left on the surface after each application and after padding!
If you want a particularly smooth and durable surface, perform an intermediate sanding with a grainless white or beige pad after the first coat is dry.

III. Taking off supernatants and padding in the wet film

For taking off supernatants and padding in the wet film, use oil absorbing pads which have only a very slight polishing power but a sufficient storage volume in the tissue. With them the taking off and the padding in can be done in one operation.
The taking off with an oil absorbing pad needs to be done 8 to a maximum of 12 minutes after the application of the wet film in order to achieve a uniform surface.

As soon as the oil absorbing pad has reached its saturation capacity, it can still be used to wipe off an area of 2-3 m^2 per hand. Then, the entire area needs to be worked on with a new oil absorbing pad. The previous wiping with a cloth or a moist oil absorbing pad facilitates a traceless polishing and saves pads.

As an alternative, you can use a white or beige nylon pad instead of an oil absorbing pad made of felt when the excess wet film has previously been removed with a cloth section per section.

The result of the padding in must immediately be revised section per section because the finished surface may not be entered until it is dry. The subsequent removal of shoeprint patterns is very problematic.

Edge areas are always wiped simultaneously to the main surface with a cloth. Here it must be ensured, that no transition is visible between edges and the main area: The different areas need to merge into each other harmoniously. Again, the result has to be checked immediately.

Before applying each new coat, an intermediate drying period of 16 - 24 hours needs to be observed in order to achieve an effective layer structure. In cold, inadequately heated rooms, the drying process can take considerably longer. A check with a "Tesakrepp" tape provides certainty as to when and whether the next coat may be applied: On not dried surfaces, the tape shows no adhesiveness.

Please refer to the Technical Data Sheets: www.livos.de.

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