

Professional tip

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

Producing a professional colored floor surface



### I. Pre-sanding:

In general, wooden floors need to be pre-sanded gradually up to grain size 180. Work with a belt sander until grain size 120 and then continue with a grinding grid up to grain size 180.

Oak should be pre-sanded with grain size 120 and a long belt when an intensely colored surface is desired. The grinding results of the long belt grinding differs from the grinding with an orbital sander with a rotating movement by a more intense pigment absorption of the wooden surface.

The skipping of grain grades causes irregularly colored areas. The same happens when working with blunt abrasive grain.

Grinding grids are subject to a rapid wear. A grid with grain size 120 lasts for about 8 to 10 m<sup>2</sup>. Grinding with blunt grain results in a surface that appears cloudy.

Sanding dust needs to be vacuumed between the different steps of grinding. The grinding result needs to be checked against the light. Cloudy grinding images must be eliminated.

Please 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 processing.

An application by spatula runs the risk of selective drying of the wet film, since the material dosage is significantly lower than in case of an application with a brush and a roller.

A coating amount of 28 to 35 g KUNOS Natural Oil Sealer N° 244 per m<sup>2</sup> is required to prevent a drying of the wet film before padding in.

Large coating jobs should not be performed with a cotton cloth, because when wiping the surface, the pigments could be easily pushed away or wiped off while, at the same time, the oil components from the colored KUNOS Natural Oil Sealer are absorbed by the raw wood. In this case the pigments do not accumulate in the pores or on the wood fibers, and the result is a cloudy, only little intense pigmentation or staining of the wood.

In case of a mechanical application, KUNOS Natural Oil Sealer is first applied uniformly (the first coat thickly) on the floor surface and after 5 to 15 minutes padded in with a felt pad 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 usually applied with KUNOS Natural Oil Sealer N° 244-002 (Clear), the same way as the first coat. The consumption is lower, about one table spoon / m<sup>2</sup>. The third coat (1 teaspoon / m<sup>2</sup>) needs to be polished in immediately without a break by machine or with a cotton 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. Second application:**

For a more intensive color, apply also the second coat with a colored KUNOS Natural Oil Sealer N° 244. For this purpose, distribute the oil drop by drop with a tablespoon and pad it in with a felt pad to achieve an even result.

The third coat can as well be done with a colored KUNOS N° 244, but also with KUNOS N° 244-002 (Clear) after an intermediate drying.

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