



Lacq Vloerolie® floor varnish

Vloerolie X10® floor varnish is a 1K polyurethane, clear, transparent sealer based on modified vegetable oil that dries to a gloss after more than two to three layers have been applied. Vloerolie X10 is renowned for its high quality for more than 40 years.

Application:

Vloerolie X10® is applied to concrete floors to enhance the appearance and to protect against wear. Vloerolie X10® prevents the dispersion of dust from untreated concrete floors. After treatment with Vloerolie X10®, floors are easy to keep clean as dirt or grease can no longer penetrate.

Treatment:

Consumption on wood: approximately 13 m²/litre
On concrete and cement: approximately 10 m²/litre
Use depends on the absorbency of the substrate.
Apply with a brush, roller, soft-bristle broom or spray gun
Diluting agent: white spirit

Concrete or cement moisture content: maximum 4%
Wood moisture content: maximum 18%
Application temperature: at least 5 °C

Airless application:

Nozzle 0.013"
Spraying angle 60°-80°
Nozzle pressure 150–180 bar

Drying:

Dry at 23 °C / 50% RH. The drying time depends on the temperature, humidity, ventilation and layer thickness. High humidity and low temperatures negatively affect the drying process.

Touch-dry: after approximately 7 hours
Paintable: after approximately 12 hours
Cured: after approximately 24 hours

Colour:

Colourless, Vloerolie X10 will yellow slightly over time.

- Concrete and cement floors should be at least six weeks old before starting the treatment.
- The moisture content of concrete and cement flooring can be tested by taping down plastic film onto a number of 1 m² sections to create an airtight seal. The plastic film and the floor should still be dry after 48 hours.
- If this is the case, the floor can be treated. Substrate moisture may negatively affect coating adhesion.
- If the floor has been finished with a curing compound, this should always be sand blasted prior to treatment.
- The surface has to be clean, dry, smooth and structurally sound.
- Remove dirt, dust and wax by cleaning with water and a suitable cleaning agent, according to the instructions.
- Concrete and cement floors that have already been treated with Vloerolie X10 should be cleaned with water and the appropriate cleaning agent. Then sand the floor thoroughly.
- Now, rinse the floor with clean water, remove the residue with a water vacuum cleaner and leave to dry.
- Very smooth concrete and cement floors should be etched first, according to the instructions. Smooth concrete floors should preferably be dust-free blasted or polished with diamond surface grinders. Smooth (sand) cement flooring must be sanded. After sanding, use an appropriate vacuum cleaner to remove all sanding dust.



Finishing concrete and cement floors

- Dilute the first layer of Vloerolie X10 with 20-40% white spirit, depending on the absorbency of the concrete.
- Dilute the second and, possibly, third layer with approximately 10% white spirit.
- For extremely smooth and non-porous concrete surfaces like stelcon slabs, dilute Vloerolie X10 with 60% white spirit.
- The layer thickness is built up sufficiently as soon as the Vloerolie X10 produces a smooth gloss, after which another 1 or 2 layers can be applied as desired. (Avoid applying layers too thickly).

Finishing wooden floors

- Depending on the harness of the floor, dilute the first layer of Vloerolie X10 with 20-50% white spirit.
- Dilute the second and, possibly, third layer with approximately 10% white spirit.
- As soon as the Vloerolie X10 produces an even gloss, the build-up of the layer is sufficient and another 1 to 2 layers can be applied, as desired. (Avoid applying layers too thickly).

Finishing porous tiles

- Apply Vloerolie X10 in two to three layers, diluting them with 60%, 40% and 20% white spirit, respectively. The harder the tile, the higher the dilution percentage.
- As soon as the Vloerolie X10 produces an even gloss, the build-up of the layer is sufficient and another 1 to 2 layers can be applied, as desired. (Avoid applying layers too thickly).

Storage:

Vloerolie X10® should be stored between 5 °C and 35 °C.

Shelf life, if stored in the original, sealed packaging under the specified conditions: 2 years

Technical data	Vloerolie X10®
Specific gravity, kg/m ³ , 25 °C	890 g/l
VOC (Volatile Organic Compound) content	454 g/l
Solid matter, %	48%
Volatile constituents	Low aromatic White Spirit

All of the above-mentioned values are indicative.

Handling:

Vloerolie X10® should be handled in accordance with the industrial 'Good Practice'. Consult the Safety Data Sheet for special safety and handling information.