



# Allbäck Linseed Oil Paint

## GENERAL GUIDELINES



Paint and protect exterior and interior surfaces without solvents.

Lasts for decades on wood, steel, iron, and plastic.

For masonry surfaces such as concrete, use Allbäck's Emulsion technique.

Widely used for hundreds of years for preserving buildings and boats, and for decoration.

Well documented by Allbäck in their own projects for nearly 40 years.

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### STEPS TO CONSIDER

1. Prepare the surface according to project goals.
  - a) [Allbäck Linseed Oil Paint](#) can be applied to most surfaces that are clean and dry except for silicone, including previously painted surfaces.
  - b) Be sure to consider differential rates of absorption across a previously painted surface.
  - c) If considering paint removal of a previously painted surface, avoid the use of chemical paint strippers, as they can have an averse effect on the linseed oil paint. See page 9 of the [Concise Handbook About Allbäck Linseed Oil Paint](#) for more details.
  - d) Allbäck is the original inventor of [infrared putty and paint removal](#) and favours using an infrared paint remover for fast, safe, and efficient paint removal. See page 30 of the [Concise Handbook About Allbäck Linseed Oil Paint](#) for more details.
2. Clean soiled surfaces with Allbäck [Linseed Soap](#).
  - a) If mould/mildew is present, first clean with pure ammonia. Rinse. Clean with linseed soap. Final rinse and allow to dry.
  - b) Avoid using power washers, as they can force water deep into the wood fibre and even damage the wood. Purified Boiled Linseed Oil can be used in this way if it is heated.
  - c) Allow to dry well before oiling. Maximum moisture content in the wood should be 14%.
  - d) Avoid high-pH cleaners and chemical paint strippers, as they do not react well with linseed oil.
3. Condition bare wood with Allbäck [Purified Raw Linseed Oil](#).
  - a) Raw linseed oil is not considered to be a drying oil, making it ideal for deep penetration into the wood. [Purified Boiled Linseed Oil](#) can be used in this way when heated (approx. 60°C).
  - b) The objective is to protect the wood from the inside out with oil and paint. Apply liberally as needed. Ensure oil is not left to pool on the surface.
  - c) It is difficult to estimate how much oil the wood will accept. Dry wood will take more oil.
  - d) Allow raw linseed oil to absorb and dry well on the surface before painting. Minimum 24 hrs.
4. Fill cracks and holes (max. 3/8") with Allbäck [Linseed Putty](#).
  - a) The putty can be painted with linseed oil paint right away.
  - b) To avoid dragging fresh putty with your brush, allow about 24 hours for putty to set up before painting, or dust with chalk and paint immediately.
5. Seal knots in wood with [pure shellac](#) to prevent wood resin from bleeding through the paint.
6. Paint 3 coats with Allbäck [Linseed Oil Paint](#) on exterior surfaces. Apply four coats to particularly exposed surfaces.
  - a) Linseed oil paint can be applied to any surface that is clean and dry except for silicone. Test first.
  - b) Mix paint thoroughly before and during painting.
  - c) Paint can be applied at approx. 100 microns per coat. Use wet film thickness gauge to measure.
  - d) [Primer](#) is not required in the Allbäck system but can be used when a surface is to be sealed, such as indoors.
  - e) Solvents should not be used in the Allbäck system, as they can weaken the binding power of the linseed oil. Use heat instead (approx. 60°C) to reduce the viscosity and help with penetration.

- f) Boiled linseed oil can be added to the paint to create a semi-transparent stain. Test first.
  - g) Mix Allbäck paint colours together to create custom colours.
  - h) Allow at least 24 hours to dry between coats under ideal conditions.
  - i) Environmental conditions such as high humidity, low temperature, and reduced exposure to full-spectrum UV light can increase drying and curing times.
  - j) Paint should not be applied below 15°C. Paint can be applied in full sun.
  - k) Variations in sheen can arise from uneven absorption or application. These will even out over time. Reduce variation by conditioning with linseed oil before painting or by applying Allbäck [Purified Boiled Linseed Oil](#) or Allbäck [Linseed Oil Wax](#) after painting.
7. Add 20% [Zinc Oxide](#) to the paint to help prevent mould/mildew growth on exterior surfaces.

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## RECOMMENDATIONS

### Tests and Mockups:

- These can help to work through different project variables that may affect outcomes.
- These can help to more accurately determine material needs.
- These can help to ensure the applicator understands the Allbäck Paint system.
- These can provide a benchmark of cost, of quality, and of time for the rest of the project.

### Oversight by a 3<sup>rd</sup> party Consultant:

- Project oversight by a consultant that is familiar with both the project specification and the Allbäck Paint system can be helpful to ensure that work is being performed according to the project spec and Allbäck guidelines, and that the specified materials are, in fact, being used.

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## NOTES

This set of general guidelines is not exhaustive; it is intended as an attempt to distil information found in the Concise Handbook, Quality Control Document, SDS, and recorded experience. This guide is not a replacement for these documents, but rather a companion.

Each project comes with its own variables and environmental conditions that must be considered, especially when using natural materials such as linseed oil and linseed oil paint. Decisions about preparation and application must be made by the project team, and as such, Allbäck Linoljeprodukter AB and their representatives do not guarantee project outcomes.

Ultimately, knowledge of the material is important and testing for specific projects is strongly recommended in order to achieve best outcomes.

With penetrating oil finishes, it can be difficult to determine the quantity of material required. Consider doing a mockup to more accurately determine material needs.

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## MORE INFO

Consult the technical documents, found in the [Documents & Knowledge](#) section of our website:

- [Concise Handbook About Allbäck Linseed Oil Paint](#) for more information and application tips.
- [Allbäck Quality Control Document](#) for information on handling, use, and maintenance.
- [Safety Data Sheets](#) for Allbäck Linseed Oil Products.