



Technical Detail Information: LIXUMPro - Half-Timbered Sealant

LIXUM products set new standards in the field of purely natural, vegan, biological, pollutant-free, weather resistant wood protection.

This is the **NEW** generation: sustainable products inspired by future-focused concepts.

LIXUMPro - Half-Timbered Sealant is a vegan, odorless, transparent, eco-friendly, and organic wood sealant. This product protects against various weather effects and offers immediate and long-lasting protection. Made from purely plant-based, high-quality active ingredients, **LIXUMPro - Half-Timbered Sealant** ensures your wood surfaces are cared for while preserving their natural structure.

LIXUMPro - Half-Timbered Sealant was specifically developed to protect wooden components commonly used in historic buildings and/or ecological structures such as half-timbered homes, cornice boxes, wooden shutters and other outdoor wood structures. Monument conservationists recommend **LIXUMPro - Half-Timbered Sealant** as a long-term, ecological protective sealant to preserve building materials and conserve resources.

Characteristics:

- ✓Laboratory tested, eco-friendly, purely natural, vegan product
- ✓No chemical-synthetic ingredients
- ✓Free of pesticides (insecticides, fungicides, biocides, virucides etc.)
- ✓Solvent-free, made without plasticizers and thinners
- ✓No chemical dryers
- ✓Odorless
- ✓Water resistant with a natural beading effect, highly thermoactive
- ✓Resistant to temperature fluctuations and various weather effects
- ✓Effective adhesion and wood penetration
- ✓UV stable, allows natural wood look to remain
- ✓Long-term protection
- ✓Integrated UV protection with colorless option
- ✓Easy to use

- ✓2-in-1 system offers both color and weather protection with only 1 coat
- ✓Will not drip for problem-free overhead work
- ✓Economical choice
- ✓Pretreatment with another product is unnecessary
- ✓Silk matte surface, non-moisturizing
- ✓Sealant will not flake or tear
- ✓Prevents wood from shrinking or swelling
- ✓Protects against dehydration, and algae/lichen growth
- ✓Offers both immediate and long-lasting effects

Suitable for:

(but not limited to)

- Historical buildings - such as half-timbered homes, cornice boxes, wooden shutters
- Ecological construction
- New, untreated wood
- Older, weathered wood
- Other outdoor structures

Made With:

Plant-based, high-quality active ingredients, with herbal and organic pigments

Color Options:

Colorless, brown, burgundy, dark-brown, black-brown, blue, pigeon-blue, gray, dark-gray, green, dark-green, olive-green

LIXUMPro - Half-Timbered Sealant 2 in 1 System:

Gives your wood components a transparent, colored design and natural wood protection against various weather influences. Guaranteed with the first coat!

Depending on the color of the pre-existing wood, its absorbency, moisture content, and the amount of sealant applied, there may be slight deviations from the original color sample.

Due to weathering, intense solar exposure, etc., after a certain time, the intensity of the applied colored sealant may lighten or soften. The coating can be re-applied after a visual inspection or based on personal preference. Thoroughly clean the surface beforehand.

Durability:

Weather protection for up to 10 years.

Service life varies depending on wood construction, natural weathering, environmental influences and

proper use. If used on surfaces that are heavily exposed to weathering, on surfaces which prevent adequate run off or surfaces which are constantly exposed to high levels of moisture, shorter reapplication intervals may be necessary.

Application Information:

The underlying surface must be stable, clean, solid, dry, free of grease and free of closed paint films.

Any soiling (including the above conditions) must be removed thoroughly.

Old, deteriorating coatings such as thick-layer glazes or topcoats should be sanded down.

Closed thick-layer glazes or plastic-elastic coatings cannot be painted over.

Ensure wood surfaces are clean before use.

The material compatibility must be checked in advance by means of a test coat.

Thoroughly stir contents before use!

Application Information Continued:

Only 1 coat required!

Apply thinly with the enclosed sponge or soft brush in the direction of the grain.

Apply the sealant generously in joints / crevices.

Doesn't drip. Very economical!

LIXUMPro - Half-Timbered Sealant will not drip.

Our products are the economical choice!

Recommended Use:

Approx. 30 ml / sqm. Depending on the underlying substance (i.e. when used on planed wood, rough sawn wood or at low temperatures), consumption may vary.

The optimal processing temperature is above or equal to 20 ° C.

This product can also be used at temperatures below 10 ° C; at these temperatures the drying times will be longer.

In order to ensure adequate protection, moisture content should not exceed 12% for coniferous wood and 15% for hardwoods.

Specific weight / density:

0.90-0.92 g / cm³

Dilution:

Do not dilute!

LIXUM products are ready to use.

Drying:

Drying time will vary depending on the ambient temperature and the surface conditions. Allow approx. 12-72 hours. For example, high humidity or low temperatures will extend the drying time.

If **LIXUMPro - Half-Timbered Sealant** has not been completely absorbed into the wood after this period, possible causes may be, but are not limited to; material being applied in excess or that the underlying surface contained a higher level of residual moisture.

Any residues must be wiped off several times (if used for seating purposes) or left to weather off.

The specifically integrated plant characteristics (i.e. genetic commands) used in our products require warmth, sun, and sufficient air circulation to ensure all natural properties can fully emerge.

If used indoors or in areas without adequate air circulation the drying time increases significantly and may lead to an insufficient result!

Optimal air circulation / drying is only possible outdoors!

The application and the drying behavior of this product are not comparable with conventional glazes or varnishes (solvent-based).

Cleaning of Tools:

Clean application tools with warm soapy water.

Shelf life:

Product can be stored indefinitely. Keep product away from areas possibly exposed to frost.

Disclaimer:

In order to achieve a perfect result, the products must be carefully processed in accordance with the instructions for use on the containers and data sheets.

The service life of our products can be influenced depending on the area of application, environmental conditions and wood quality.

Since optimal application results depend on many factors that are outside our area of responsibility; our suggestions for the use of our products are to be regarded as non-binding recommendations. They are based on our level of knowledge and our experience, but do not release the user from his duty of care and may have to be adapted to the respective application or ambient conditions and the work equipment used.

We exclude any guarantee if the consistency of our products is changed or mixed with products from other manufacturers.

We reserve the right to make technical changes to the products and their packaging. Our general terms and conditions apply.

The requirements of the Organic Regulation (EC) No. 834/2007 on organic production are met.