

NATURAL GREY
NATURAL SILVER

LIGNOPRO® 320

Hydrostop H₂O

- » Designed for maintenance-free wood facades, saving time and effort
- » Solvent-free water-emulsified natural oil complex
- » Suitable for both finely sawn and rough-sawn wood components
- » Provides a natural-looking patina for an authentic wood finish
- » Extremely water-repellent, featuring a beading effect for superior protection
- » Protects wood against mold and fungal infestation, ensuring long-lasting durability

LIGNOPRO® 320 - Hydrostop H₂O

Highly hydrophobic water-based wood oil.
For maintenance-free facades.

A special combination of natural oils emulsified in water achieves a high saturation of the wood cells. This makes the façade highly water-repellent for a long time. The product does not form a coating film like the usual acrylate or silicate-based “greying glazes” on the market. There is no risk of flaking and is therefore the key to a maintenance-free façade. Over the years, it turns into a natural patina. No subsequent treatment is required.

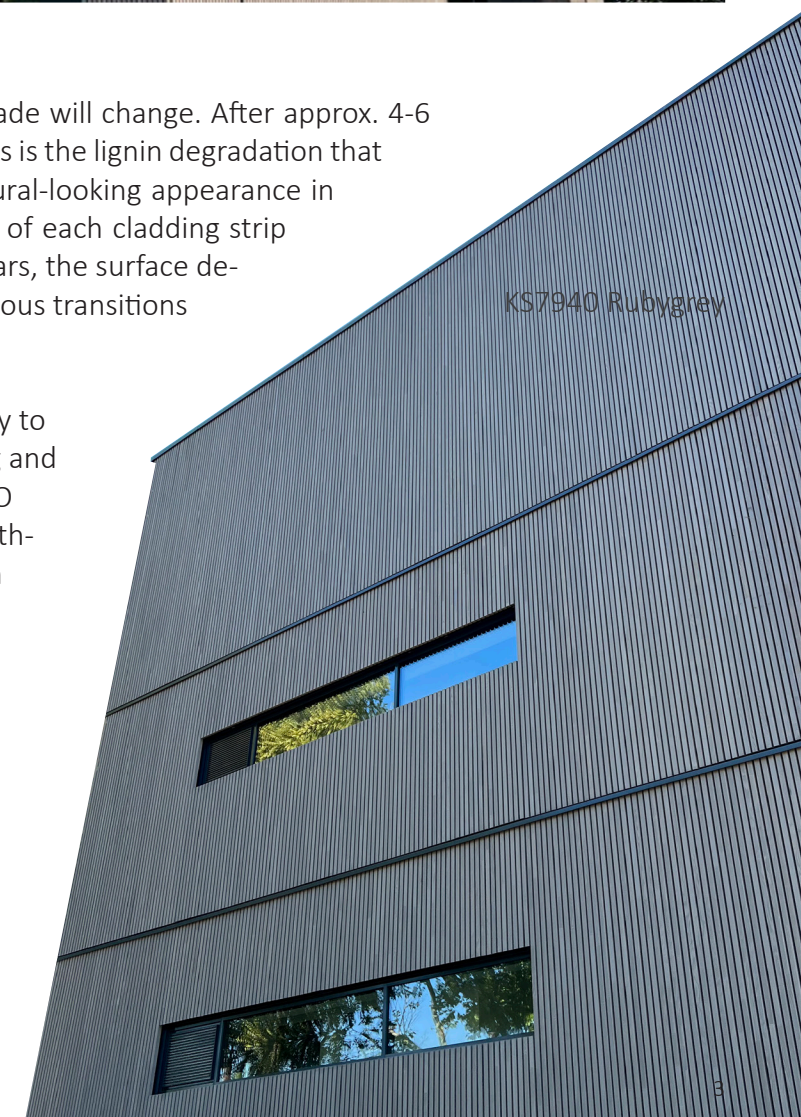
LIGNOPRO® 320- Hydrostop H₂O is deeply anchored in the wood fibre and does not wash out on the façade. The highly hydrophobic (water-repellent) effect minimises swelling and shrinkage of the wood. Cracks and warping are largely prevented in comparison to conventional glazes. The surface is dirt-repellent and no water marks form.



KS7940 Rubygrey

In the first few weeks or months, the colour of the façade will change. After approx. 4-6 months, the colour becomes uniform. The reason for this is the lignin degradation that takes place in the first few months. The result is a natural-looking appearance in the desired colour shade. As the absorption behaviour of each cladding strip is different, the appearance is very natural. Over the years, the surface develops a naturally uniform grey silver patina. Homogeneous transitions develop between the individual weathering zones.

Silver fir or spruce profiles are usually coated industrially to create the façades, e.g. by spraying, vacuum or flooding and brushing (float brush). LIGNOPRO® 320- Hydrostop H₂O penetrates particularly deeply into the wood surface without forming a film and the natural oils it contains dry on contact with atmospheric oxygen (oxidative drying) and are thus fixed in the wood fibres.



KS7940 Rubygrey

KS7910 Polargrey

Extremely hydrophobic.



LIGNOPRO® 320 - Hydrostop H₂O
KS7940 Rubygrey



NATURAL GREY NATURAL SILVER

Extremely hydrophobic wood oil.

- » natural-looking patina optimal protection for fine-sawn and rough-sawn wood
- » sawn and rough sawn timber for heavily weathered components (e.g. façade profiles)
- » no post-treatment necessary
- » Surfaces are protected against mould and fungal attack

THE pre-greying

Area of application

For the protection of exterior wood, especially façade profiles and heavily weathered wooden components. Uniquely decorative surface design as a natural-looking pre-greying.

Properties

H320 Hydrostop H2O is a water-emulsified wood oil based on natural oils and alkyd resins. It penetrates deeply into the wood and develops its extremely hydrophobic effect after oxidative drying. It is easy to apply and has a mild odour. Untreated wooden façades often do not weather evenly. Stains and streaks are the usual appearance. The desired uniform surface is often only achieved after years. With H320 Hydrostop H2O Natural Grey / Natural Silver, a natural-looking patina is created from day one. Thanks to the hydrophobic setting, the high-quality façade is also well protected against the effects of the weather.

Container sizes

1 l; 2,5 l; 5 l; 20 l; 200 l; 600 l; 1000 l

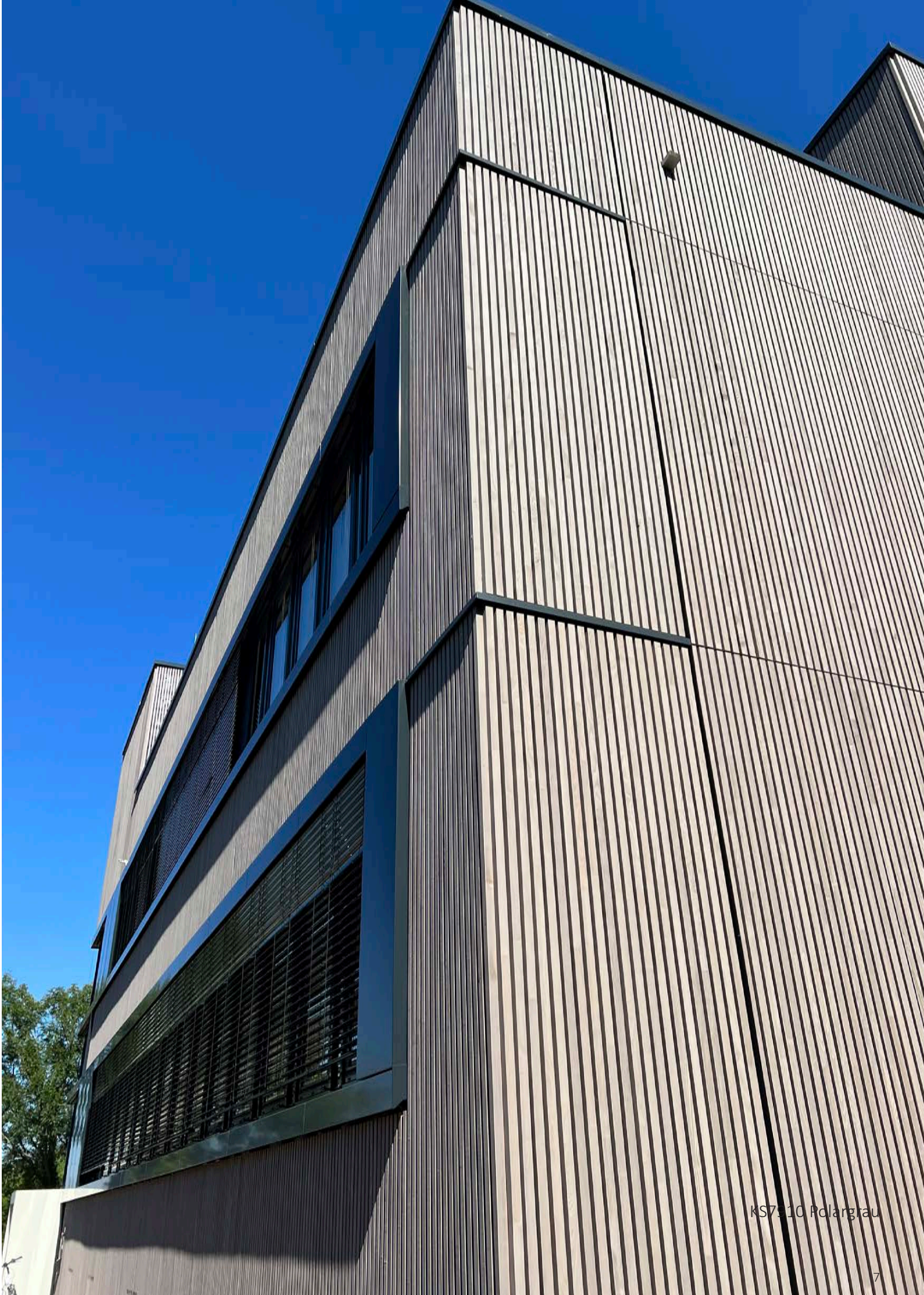
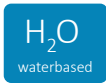
Colour shades

Natural Grey, Natural Silver

Technical properties

Solvent	waterbased
Binder	natural oils, alkyd resins
Coating pattern	transparent, silk matt
Place of use	outside
Protection from	Moisture
Active ingredients	Film protection
Application method	Manual: Brushing Machine: Flood and brush method (float brush process), vacuum and spray processes
Consumption	80-120 ml/m² per coat
Drying (standard climate)	Touch dry after approx. 2 h, Can be painted over after approx. 4 h

Beading effect,
Video



KS7, 10 Polargrau

NATURAL GREY

Pre-greying for natural-looking grey natural-looking grey tones



KS7900 Terragrey



KS7910 Polargrey



KS7920 Silvergrey



KS7930 Smokegrey



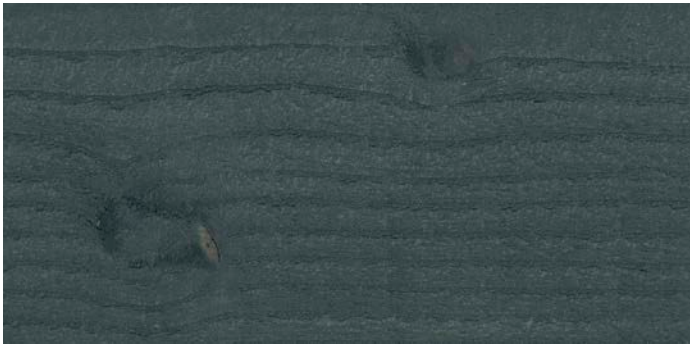
KS7940 Rubygrey



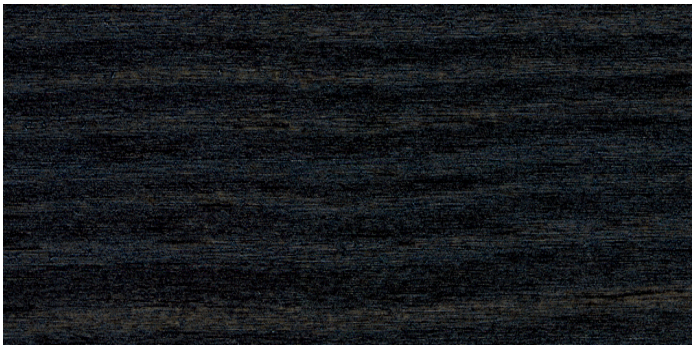
KS7960 Carbongrey



KS7950 Opalgrey



KS7970 Anthrazitgrey



KS7980 Turmalingrey

Attention: Colour deviations from the application in practice are due to the printing process. Our colour charts provide a better approximation. If the accuracy of the colour shade is critical, we recommend creating a sample.



KS7920 Silvergrey

NATURAL SILVER

The silver-grey shimmering patina



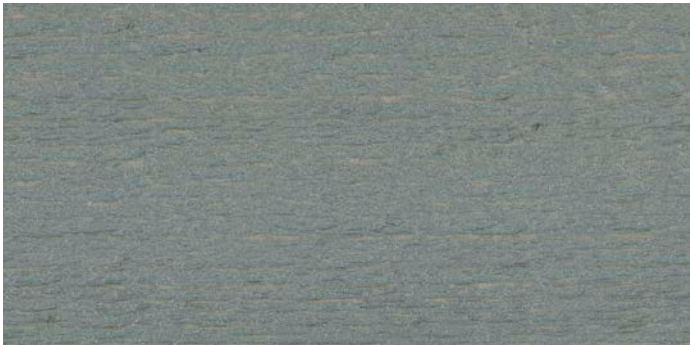
KS7905 Terrasilver



KS7915 Polarsilver



KS7925 Puresilver



KS7935 Smokesilver



KS7945 Rubysilver



KS7955 Opalsilver



KS7965 Carbonsilver



KS7975 Anthrazitsilver



KS7985 Nightsilver

Attention: Colour deviations from the application in practice are due to the printing process. Our colour charts provide a better approximation. If the accuracy of the colour shade is critical, we recommend creating a sample.



KS7965 Carbonsilver

From product to solution.

With LIGNOPRO®, Koch & Schulte has developed a product range that offers customised coating solutions for typical application scenarios of industrial users.

Based on our proven wood coatings, LIGNOPRO® stands for formulations customised to the specific requirements of the application. In addition to the excellent primary wood protection properties, the products are also designed to optimise machinability.

Whether you use dipping, flooding, manual spraying, industrial painting or vacuum coating- with LIGNOPRO® from KOCH & SCHULTE you can combine the best possible wood protection with optimum processing methods to achieve consistently high-quality production results, and we also offer you the option of adapting our products individually to your specific conditions, thereby optimising your processes. Our innovative and customised products have already won over many well-known manufacturers.

Adding value to your wood!

