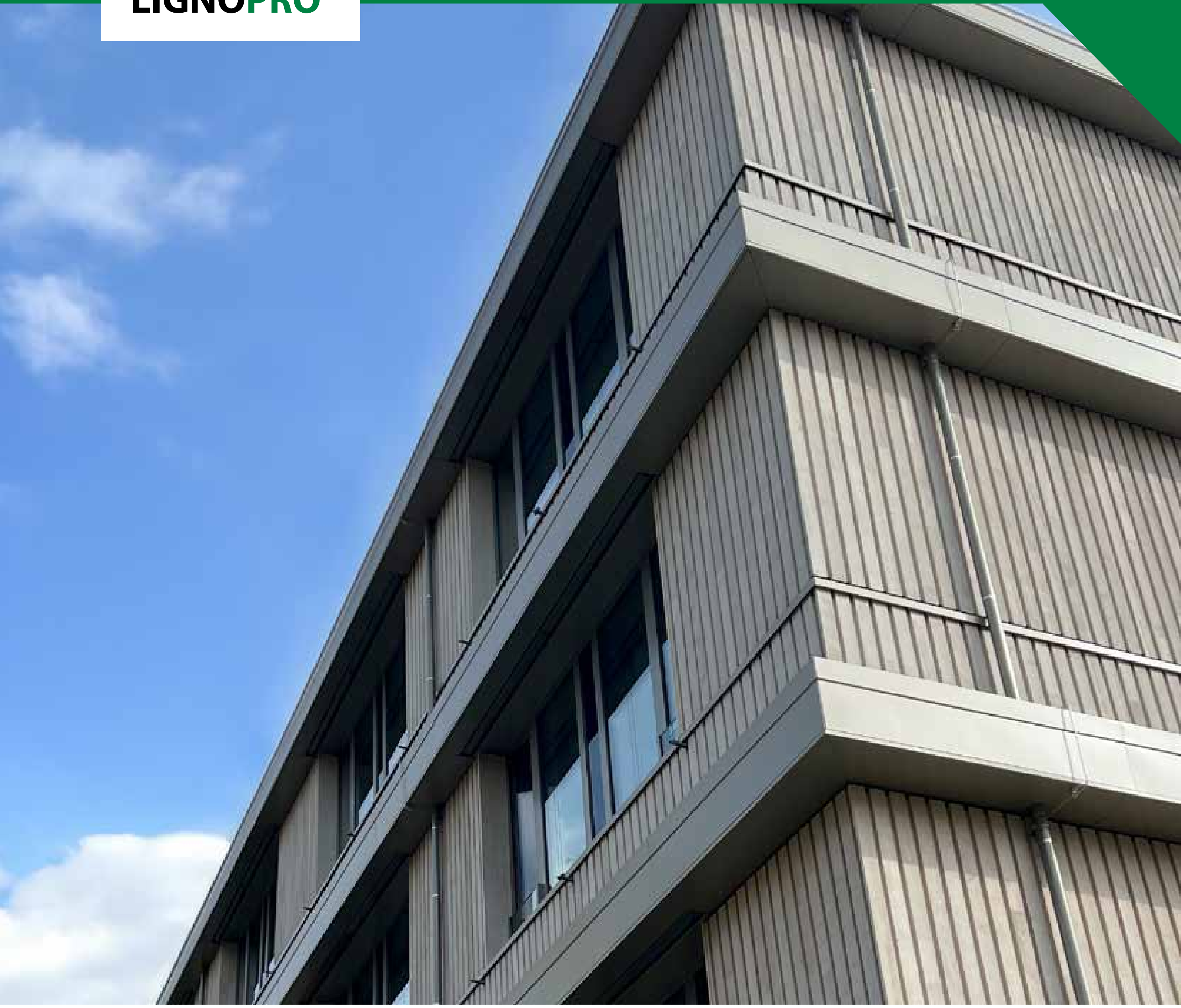
Hydrostop H_2O & Hydrostop H_2O UV

LIGNOPRO®



KOCH & SCHULTE WOOD COATINGS


HydroS-


top H_2O

H320 Hydrostop H_2O & H322 Hydrostop H_2O UV

Strongly hydrophobic water-based wood oil.
For maintenance-free façade surfaces.

An elegant patina …

Over the first weeks and months, the colour tone of the façade changes. After approx. 4–6 months, a uniform appearance develops. The reason for this is the natural breakdown of lignin that occurs during the initial months. The result is a naturally aged appearance in the desired colour tone. Because every façade board absorbs differently, the overall look appears very natural. Over the years, the surface develops an even, silver-grey patina. Homogeneous transitions form between the different weathering zones.

… created by natural oils.

A special combination of natural oils emulsified in water ensures deep saturation of the wood cells. This makes the façade highly water-repellent for a long time.

Hydrophobic pre-greying

H320 Hydrostop H2O penetrates deep into the wood and dries through oxidative curing upon contact with oxygen. This fixes the product within the wood.

Maintenance-free façade surfaces

H320 Hydrostop H2O does not form a coating film like conventional acrylic or silicate-based “pre-greying stains”. There is no risk of flaking, making it the key to truly maintenance-free façade surfaces. Over the years, the surface transitions into a natural patina. No reapplication is required.

Extremely hydrophobic

H320 Hydrostop H2O is deeply anchored in the wood fibres, preventing leaching on the façade. Due to its highly hydrophobic (water-repellent) properties, swelling and shrinking of the wood are reduced to a minimum. Compared with conventional stains, cracks and warping are largely prevented. The surface becomes dirt-repellent and protected against mould and fungal growth. No water marks appear.

Fine-sawn and rough-sawn surfaces

Façades are typically produced from silver fir or spruce profiles and coated industrially using spray, vacuum, flood or brush coating processes (e.g., float-brush). H320 Hydrostop H2O penetrates particularly deeply into the wood surface during these processes—without forming a film.

Hydrostop H_2O

H320

NATURAL SILVER
NATURAL GREY

Strongly hydrophobic water-based wood oil

- naturally aged patina
- optimum protection for fine-sawn and rough-sawn timber
- ideal for heavily exposed components (e.g., façade profiles)
- no reapplication necessary
- surface protected against mould and fungal attack

H_2O wasserbasiert

Application area

For the protection of exterior timber, especially heavily weathered fine-sawn or rough-sawn façade cladding and high-quality garden timber. Suitable for decorative surface finishing. Can be used as a base coat, intermediate coat and final coat.

Properties

H320 Hydrostop H2O is a water-emulsified wood oil based on natural oils and alkyd resins. It penetrates deeply into the wood and, after drying, develops its extremely hydrophobic effect. It is easy to apply and has a mild odour. After curing, the water-repellent effect becomes fully active, and the product cannot be overcoated without mechanical surface preparation. H320 Hydrostop H2O contains a film preservative to protect against mould and fungal attack.

Container sizes

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

Technical properties

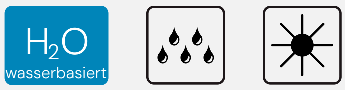
SOLVENT	water-based
BINDER	alkyd resins, natural oils
COATING APPEARANCE	transparent, satin matt
AREA OF APPLICATION	exterior
ODOUR	characteristic
APPLICATION METHODS	flood and brush coating systems, vacuum coating processes, brushing
CONSUMPTION	80–120 ml/m² per coat
VOC CONTENT	max. 46 g/l VOC
DRYING	touch-dry after approx. 2–4 h, fully dried after approx. 24–36 h

Hydrostop H_2O UV

H322

Strongly hydrophobic water-based wood oil with triple UV protection

» naturally aged patina
» optimum protection for fine-sawn and rough-sawn timber
» ideal for heavily exposed components
» (e.g., façade profiles)
» no reapplication necessary
» surface protected against mould and
» fungal attack
» includes UV protection



Technical properties

SOLVENT	water-based
BINDER	alkyd resins, natural oils
COATING APPEARANCE	transparent, satin matt
AREA OF APPLICATION	exterior
ODOUR	characteristic
APPLICATION METHODS	flood and brush coating systems, vacuum coating processes, brushing
CONSUMPTION	80–120 ml/m² per coat
VOC CONTENT	max. 46 g/l VOC
DRYING	touch-dry after approx. 1 h, fully dried after approx. 2–24 h

Application area

For the protection of exterior timber, particularly façade cladding or high-quality garden timber.
Suitable for decorative surface finishing.

Properties

H322 Hydrostop H2O UV is a water-based wood oil with high UV protection, based on natural oils and alkyd resins. It penetrates deeply into the wood and develops its extremely hydrophobic effect after drying. It is easy to apply and has a mild odour. A film preservative protects the surface against mould and fungal attack. After drying, the water-repellent effect becomes active, and the product cannot be over-coated without mechanical surface preparation.

Container sizes

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

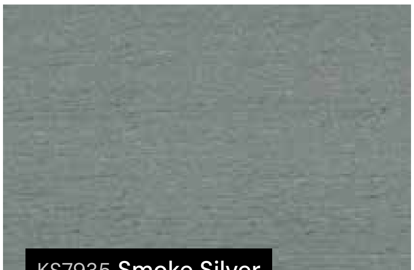
Our colours

NATURAL SILVER


KS7905 Sahara Silver


KS7915 Polar Silver


KS7925 Pure Silver

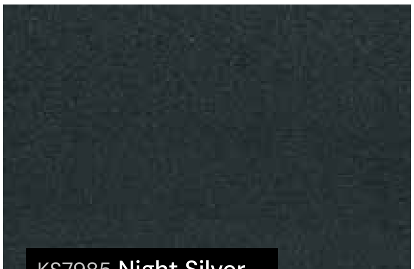

KS7935 Smoke Silver


KS7945 Ruby Silver


KS7955 Opal Silver


KS7965 Carbon Silver


KS7975 Anthracite Silver


KS7985 Night Silver

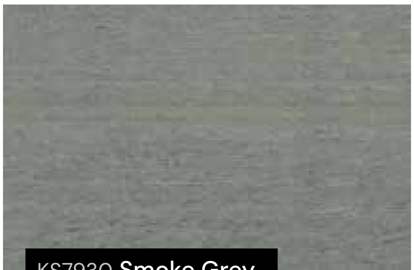
Our colours

NATURAL GREY

KS7900 Sahara Grey

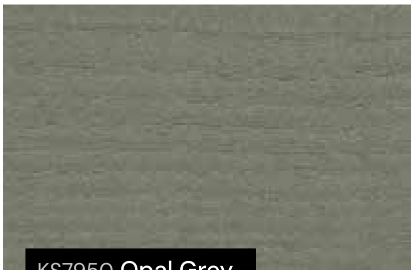
KS7910 Polar Grey

KS7920 Silver Grey



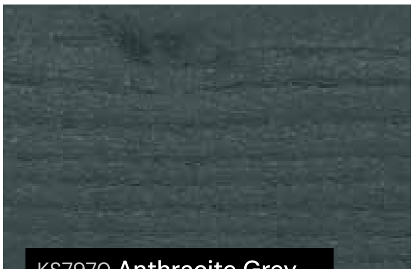
KS7930 Smoke Grey

KS7940 Roby Grey



KS7950 Opal Grey

KS7960 Carbon Grey



KS7970 Anthracite Grey

KS7980 Tourmaline Grey

Residential complex NaturElla, Langenargen

Adding value to
your wood

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