

## LIGNEX® AQUA ISOLIERGRUND

Universal water-based insulating primer

3061 - January 2016

### Description

**Product:** LIGNEX AQUA ISOLIERGRUND is a universal insulating primer in aqueous solution, white in color, and based on special cationic resins. LIGNEX AQUA ISOLIERGRUND can also be used alone indoors as an insulating matt finish for wood and masonry.

**Fields of use:** LIGNEX AQUA ISOLIERGRUND can be used on wood, walls, plasterboard, concrete and other mineral substrates. Applied on coniferous woods, it is able to eliminate or at least minimize the stains caused by the resurfacing of the resin around the knots. On broad-leaved woods, such as oak and chestnut as well as exotic essences such as teak, iroko, ipe and massaranduba, it protects against stains due to the release of wood extractives such as tannin. It also permanently covers coffee stains, nicotine, markers, highlighters, crayons, rust, water stains, asphalt, bitumen etc. Treated with LIGNEX AQUA ISOLIERGRUND, sedimentation stains on masonry no longer reappear.

**Tints:** 71 semi-opaque white.

**Packaging:** 1 - 2.5 - 5 - 20 \* L plastic containers (\* only on order)

### Technical data

**Specific weight:** ca. 1.28 g / cm<sup>3</sup> at 20 °

**C. Flash point:** >100°C. **Viscosity:**

thixotropic

**Drying:** after 1 - 2 hours, depending on the type of wood, the quantity applied and the atmospheric conditions. With low temperatures and / or high humidity, the drying time increases proportionally. For maximum insulating effectiveness, wait 6 hours before overcoating.

**Odor:** Own faint smell; Odorless after drying.

**Storage:** at least 1 year in original closed packaging. Keep cool, but protected from frost. Close partially used jars tightly.

### Application Notes

**Generality:** mix the product well before use. Do not work at temperatures (environment, substrate and product) below +10 ° C.

**Application systems:** brush, roller, spray

**Preparation of the substrate:** the wood to be treated must be dry and free from dust and grease. Do not apply on wood with humidity higher than 15%. Completely eliminate old film-forming coatings.

**Application tips:** new wood intended for outdoor use must be pre-treated with a suitable protective primer (consult the relative technical data sheets and strictly follow the instructions given). Proceed with the application of LIGNEX AQUA ISOLIERGRUND and then over paint with the relative finish. In interiors LIGNEX AQUA ISOLIERGRUND can also be used without a finish but in this case it must be overpainted again with itself.

Wood installed indoors does not normally require treatments with protective primers, except in special cases. On indoor mineral substrates, the surface must be clean, solid, free from wax or grease. Remove any peeling parts of previous paint and sand any painted surfaces then apply LIGNEX AQUA ISOLIERGRUND. On particularly absorbent or chalking substrates, use an acrylic fixative beforehand. LIGNEX AQUA ISOLIERGRUND can be painted over with a water-based paint such as eg. AMOLIS or other water-based wall paint or overpaint with itself again.

Attention: LIGNEX AQUA ISOLIERGRUND does not perform an insulating action from the substances present in the heartwood of the larch. The hardware (nails, screws, hinges) as well as other metal parts, which could come into contact with the product, must be made of corrosion-resistant material.

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Recommended cycles:

- WOOD, inside:	- LIGNEX AQUA ISOLIERGRUND (80 - 120 µm wet) - Water-based finish, such as: AMOLIS, AQUAGEL, HYDROTOP (80 - 100 µm wet) or again LIGNEX AQUA ISOLIERGRUND
- WOOD, new on the outside:	- HYDROGRUND PLUS (90 - 120 µm wet) - LIGNEX AQUA ISOLIERGRUND (80 - 120 µm wet) - Water-based finish, such as: AMOLIS, AQUAGEL, HYDROTOP (80 - 100 µm wet)
- WOOD, renewal in case of resin leaking from the nodes:	- Sand the substrate with 100 grit paper - LIGNEX AQUA ISOLIERGRUND (80 - 120 µm wet) - Water-based finish, such as: AMOLIS, AQUAGEL, HYDROTOP (80 - 100 µm wet)
- On mineral substrates indoors:	- Sand the substrate with 100 grit paper - LIGNEX AQUA ISOLIERGRUND (80 - 120 µm wet) - AMOLIS or other water-based wall paint (80 - 100 µm wet) or again LIGNEX AQUA ISOLIERGRUND

**Surrender:** approximately 80 - 120 g / m<sup>2</sup> per coat.

**Dilution:** LIGNEX AQUA ISOLIERGRUND is ready to use, if necessary, with water.

**Overpaintable:** after about 6 hours.

**Cleaning of tools:** immediately after use, with water and detergent. Product residues must be disposed of according to current legislation.

### Special instructions

Observe the safety data sheet. Even during the application of products low in harmful substances it is necessary to observe the usual precautions foreseen for painting works; always provide sufficient. Keep out of the reach of children. In case of contact with eyes, wash immediately and abundantly with water.

**Disposal:** European waste catalog: 08 01 12 Do not dispose of with household waste. Do not throw the product and its residues into water, soil or drains. Product residues must be disposed of at a collection center for special waste.

**Water hazard class:** WGK 1, (Self-classification - slightly polluting for water). Prevent the product pollutes water courses and waste water or enters the ground.

**Classification according to VbF:** fails. **ADR / RID:** Not applicable.

*The aforementioned indications correspond to the most recent state of the art in development and use. Since the use and application of the products are beyond our sphere of influence, we are only liable for the consistent quality of the products. If in doubt, please ask for our technical advice.*