

Lignovit Terra

53010

Water-based, **ecological wood oil** based on **renewable raw materials** for **industrial and professional use**

PRODUCT DESCRIPTION

General

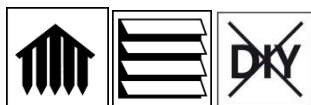
Ecological interior and exterior wood oil based on selected renewable raw materials. When using Lignovit Terra you will obtain natural mat surfaces with a good feel. The product is characterised by very good water resistance and long durability. The product is easy to apply and formulated without addition of solvents and plasticizers.

Special Properties and standards

- Does not contain any active substances of chemical wood and film preservatives.
- **ÖNORM EN 71-3** Safety of toys; migration of certain elements (free of heavy metals)
- **ÖNORM S 1555** or **DIN 53160** Perspiration and saliva-proof properties
- Conforming to **baubook**
- **French Ordinance DEVL1104875A** regarding the labelling of construction coating products with respect to their emission of volatile pollutants: A+



Application area



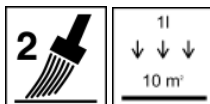
- For dimensionally unstable and limited dimensionally stable timber components for exterior and interior, such as e.g. wooden houses, profile-boards, balconies or wood panelling.
- We recommend Pullex Bodenöl 50527 ff for terrace floors and landing stages.

PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +10 °C.
- Avoid direct sunlight during the processing.
- For new timber components we recommend an all-over coating.
- The flow of resin cannot be avoided based on the coating method.
- Water-soluble wood extracts can be leached particularly by driving rain. This can be minimized by an all-over coating and additional sealing of the end grains.

Application technique

Application method	Brushing
Application	2 x
Yield per application (m ² /l) Rough sawn	approx. 8
Yield per application (m ² /l) Planed/sanded	approx. 10

The product is ready-for-brush.

The shape and properties of the substrate and wood moisture affect the consumption / yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Grindable	after approx. 6 hours
Recoatable	after approx. 6 hours
Through-drying	after approx. 16 hours

The figures indicated serve as a guide and are for reference. The drying time depends on the type of wood, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and / or high level of atmospheric humidity can increase the drying time considerably.

Cleaning the working equipment

With water immediately after use.

Remove flashed-off coat residues with ADLER Aqua-Cleaner 80080 or ADLER Abbeizer Rote Krähe 95125.

SUBSTRATE**Type of substrate**

Planed, sanded or rough sawn softwood

Substrate property (or condition)

The substrate must be dry, clean, capable of holding the paint, free of grease, wax and free from wood dust.

Please observe and follow ÖNORM B 2230-1.

See also VOB, Part C, DIN 18363, paragraph 3; Painting and coating work.

The prerequisite for long storage stability of the coating is compliance with the principles of the constructive wood preservation.

Wood moisture

12 – 15 %

Preparation of the substrate**Interior wood and wood-based material**

Round off any sharp edges, remove wood extractives such as, for example, resins and resin pockets.

Exterior wood and wood-based material

For optimal durability we recommend to sand smooth wooden surfaces with grain size 80 – 120 in the direction of the fibre, clean thoroughly and remove wood extractives such as, for example, resins and resin pockets. Round off any sharp edges.

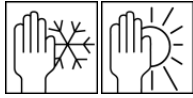
Highly resinous wood with drying retardant components has to be cleaned with ADLER Nitroverdünnung 80001.

Please observe the relative technical data sheets of the products

COATING SYSTEM	
Impregnation	If necessary, apply 1 coat of Lignovit IG 53134 (applicable to wood types of durability class according to EN 350-2, 3 – 5) to protect against blue stain, fungal decay and insect infestation in the exterior.
Primer coat	1 x Lignovit Terra 53010 ff Intermediate drying time approx. 6 hours
Top coat	1 x Lignovit Terra 53010 ff
MAINTENANCE & RENOVATION	
Maintenance	<p>The durability depends on several factors. These include particularly the type of weathering, constructive protection, mechanical stress and the choice of the applied colour shades.</p> <p>To obtain a long durability preservation work is necessary in time. Therefore we recommend an annual maintenance.</p> <p>If required, remove dust and dirt from the still intact surfaces and apply 1 coat of Lignovit Terra 53010 ff by brush.</p>
Renovation	<p>Sand old coats of paint until the healthy wood. Remove old coats of paint that are not load-bearing.</p> <p>If necessary, treat greyed wood with ADLER Holzentgrauer 96348.</p> <p>Coating structure as first coat of paint.</p> <p>Please observe the relative technical data sheets of the products.</p>
ORDERING INFORMATION	
Size of trading unit	4 l; 22 l
Colour shades	<p>Colour shades can be obtained using the ADLER colour blending system ADLERMix.</p> <p>Base paints:</p> <p>Base W30 53010</p> <ul style="list-style-type: none"> • The final colour shade is basically obtained from the inherent colour of the wood, the quantity applied, the colour shade of the impregnation and the colour shade of the glaze finish applied (compare with the colour shade chart). • It is recommended to prepare a trial colour sample on the original substrate using the coating system selected in order to assess the final colour shade. • In order to ensure uniformity of the colour shade, use material having the same batch number on a given surface. • Moderate colour shades have the best weather resistance; avoid very light or dark colour shades under extreme climatic conditions.
Supplementary products	<p>Lignovit IG 53134 ADLER Nitroverdünnung 80001 ADLER Aqua-Cleaner 80080 ADLER Abbeizer Rote Krähe 95125 ADLER Holzentgrauer 96348</p>



FURTHER DETAILS

Durability/Storage

At least 1 year in the original sealed containers.

Store it such that it is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C).

Technical specifications

Delivery
viscosity

Approx. 15 s in accordance with DIN 53211 (4-mm-
cup, 20°C)

VOC content

EU limit for Lignovit Terra (Cat. A/e): 130 g/l
(2010). Lignovit Terra contains < 5 g/l VOC.

Safety-related information

Please follow the associated safety data sheet! The latest version can be retrieved from the Internet at **www.adler-lacke.com**.
