Pache SARL - 64 Route de Gravin, 74300 Magland
04 50 89 57 17 contact@pache-adler.fr
www.pache-adler.fr

Technical data sheet

ADLER
Paint runs through our veins.

Pullex Renovier-Grund 4416

Solvent-based, **levelling wood primer** for DIY and commercial use

PRODUCT DESCRIPTION

General

Semi-transparent, levelling wood primer for the renovation of heavily weathered exterior wood coatings. Pullex Renovier-Grund provides a levelling and brightening effect on the wood substrate in addition to the impregnation. The product has a low odour due to the use of aromatic-free white spirit as a solvent.

Special properties and standards

- The coating is protected against blue stain and mould by a biocidal active substance.

  Active substance:
  2.4 g/kg (0.24 %) 3-Iod-2-propinylbutylcarbamat

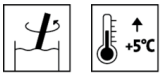
Application area

For dimensionally stable timber components for exterior and interior use, such as e.g. wooden windows and front doors.

For non-dimensionally stable and limited dimensionally stable timber components for exterior use, such as e.g. wooden houses, timber cladding, canopies, profile boards, window shutters, balconies, gates.

PROCESSING

Processing instructions



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least + 5 °C.
- The optimal conditions for use are between 15 - 25 °C with a relative atmospheric humidity between 40 - 80 %.
- Do not process it under conditions of intense sunlight, rain, extremely high humidity, strong wind or pending frost.
- Drying up of excessive quantity applied and the formation of coating film layers as a result must be avoided, otherwise, it is necessary to sand the surface with grit size 220 or with appropriate grinding fleece!
- Apply a thin coat to horizontal wooden parts to avoid flaking due to excessive layer thickness.
- Resin flow cannot be avoided by the coating.
- 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.
- Residual plaster (high level of alkalinity) or ferrous dust (rust formation) may lead to black discoloration on larch wood and other types of wood rich in extracts.
- Any change in the processing sequence, environmental conditions, non-observance of instructions or the use of products not listed may have an unfavourable effect on the result. Deviations lead to film and adhesion

PACHE SARL

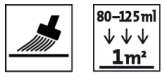
ADLER-Werk Lackfabrik, A-6130 Schwaz
Fon: +43/5242/6922-190, Fax: +43/5242/6922-309, Mail: technical-support@adler-lacke.com

Our instructions are based on the current state of knowledge and are intended to advise the buyer/user to the best of our knowledge, but must be individually adapted to the areas of application and processing conditions. The buyer/user is responsible for deciding on the suitability and use of the supplied product, which is why we recommend that a sample be produced to check the suitability of the product. In all other respects, our General Terms and Conditions of Sale apply. All previous data sheets lose their validity with this edition. We reserve the right to make changes to container sizes, color shades and available gloss levels.

problems as well as to impairments with regard to weathering and color stability.

- Please follow our **ARL 500 - Working guideline for coating non-dimensionally stable and limited dimensionally stable construction elements – General part.**
- Please follow our **ARL 505 - Working guideline for alkyd resin coatings/-glazes and oils.**

Application technique



	Brushing
Applied quantity per application (ml/m²)	80 - 125

The product is ready to use.

The shape and surface condition of the workpiece as well as the type of application influence the actual consumption. Accurate values for consumption must be obtained by applying trial coats in advance.

For good thorough drying, the recommended application quantities must be adhered to. Excessive layer thicknesses lead to a considerable drying delay!

Drying times

(at 23 °C and 50 % rel. humidity)

Recoatable (solvent-based coatings)	24 hour(s)
Recoatable (water-based coatings)	48 hour(s)

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

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

On types of woods rich in extracts (such as oak, iroko), drying may be delayed.

When renovationg with water-based, opaque coating systems a drying time of 48 hours must be strictly adhered to! Afterwards sand Pullex Renovier-Grund (4416)!

Cleaning the working equipment

With Adlerol-Terpentinölersatz (7231) immediately after use.

SUBSTRATE

Type of substrate

Softwoods and hardwoods as well as plywood materials, which are suitable for the exterior, such as, for example, solid wooden boards, glued laminated timber (GLT or Glulam) and solid structural timber (SST).

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

A prerequisite for ensuring long durability of the coating is to observe the basic principles of constructional wood preservation.

Please observe the additional documents:

- ÖNORM B 3430-1
- ÖNORM B 2230-1
- DIN 18363
- BFS data sheet no. 18.

PACHE Sarl

Wood moisture	**Softwoods:** 15 ± 2 % **Hardwoods:** 12 ± 2 %
Substrate preparation	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. Clean resin-rich woods and exotic woods with drying retardants with Nitro-Verdünner 8017 (8017). Treat algae, green deposits or mould in outdoor areas with Aviva Fungisan (8308). Non-dimensionally stable timber components: Brush off weathered, greyed wood, non-recoatable old coating residues, dust and dirt using a brass wire brush manually or with a machine using a nylon cup brush. Sand intact and non-absorbent old coats with grit size 80. Dimensionally stable timber components: Remove old coatings that cannot be recoated. Sand the well-adherent old coats (with grit size 80) and re-sand them (with grit size 120).

COATING SYSTEM

Primer coat	1 x Pullex Renovier-Grund (4416) Apply 2 coats ("wet on wet") on highly absorbent areas of the wood. Intermediate drying time: approx. 12 hour(s)
Intermediate sanding	With grit size 220 – 280 or appropriate grinding fleece
Finishing coat	Depending on application area: e.g.: Pullex Top-Lasur (4421) / Pullex Fenster-Lasur (4405) / Pullex Color (4403) / Samtalkyd (4514) / Brilliantalkyd (4503) / Pullex Aqua-Color (5325)

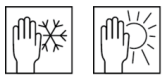
ORDERING INFORMATION

Size of trading unit	0,75 l; 2,5 l; 5 l; 10 l
Colour shades / Glosslevels Color4You	**Standard colour(s):** Beige, wie 50236 (4416057101) Lärche (4416057113) Other colour shades can be obtained using the **ADLER colour mixing system Color4You.** **Base paint(s):** Pullex Renovier-Grund Basis Gelb (50255) Pullex Renovier-Grund Basis W20 (50256) The final colour is basically obtained from the inherent colour of the wood, the applied quantity, the colour of the impregnation and the colour of the finishing coat. 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 only material with the same batch number on a given surface. In order to ensure uniformity of the colour shade, standard colour shades are not to be processed with shades of a tinted bases (mixed system) in one surface. Please consume blended products within 3 months. Please observe our **ARL 800- Working guideline for working (including care and maintenance) with ADLER Mix, PUR Mix and Color4You dosing machines.**

PACHE Sarl

Supplementary products	Adlerol-Terpentinölersatz (7231) Nitro-Verdünner 8017 (8017) Aviva Fungisan (8308) Pullex Top-Lasur (4421) Pullex Fenster-Lasur (4405) Pullex Color (4403) Samtalkyd (4514) Brilliantalkyd (4503) Pullex Aqua-Color (5325) Please refer to the corresponding technical data sheets of the products.

FURTHER DETAILS

Durability / storage 	Min. 5 year(s) in the original sealed containers. Make sure the product is protected against moisture, direct sunlight, frost and high temperatures (above 30 °C). We recommend to transfer the contents of open containers to smaller ones in order to prevent gelling / skin formation. Close opened containers well and use up the content as soon as possible.
Technical specifications	VOC content of the ready-to-use mixture: EU limit for Pullex Renovier-Grund (Cat A/h): 750 g/l. Pullex Renovier-Grund contains maximum 500 g/l VOC.
Giscode	BSL40
Declaration of ingredients according to VdL-RL 01	alkyd resins / aliphatic compounds / inorganic white and coloured pigments / organic pigments / surface additve / glycol ether / wetting agent / drying agents (siccatives) / light stabilisers / anti-skin agent / 3-Iod-2-propinylbutylcarbamat Contains 3-iodo-2-propynyl butylcarbamate. May cause allergic reactions. **Information for allergy sufferers under telephone no. +43 5242 6922-713.**
Safety information	Read the label before use. When using cloths that have been soaked with oxidative drying products, there is a risk of spontaneous combustion! Spread soaked cloths out and let them dry; it is necessary to store them in sealed metal containers or under water. Repeated contact can lead to chapped or cracked skin. During sanding use P2 / P3 dust filter. If medical advice is needed, have the packaging or label ready. Keep out of the reach of children. Ensure good ventilation during application and drying. During work, do not eat, drink or smoke. Avoid release into the environment. Dispose of contents, container in accordance with national regulations. Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com.**

PACHE sarl