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Trägergrund V

Adhesion-primer for water-based paint

Wood-primer for exterior use on planed or sanded timber (cf. page 2)
Also applicable for oil-based paint, however, it needs prolonged drying time.

Characteristics:

Trägergrund V is an adhesion-primer based on water for planed wooden surfaces in outdoor areas, intended for priming water-based paint coats. Only if primed properly, subsequent paint coatings will adhere to the surface. Additionally, TRÄGRUND protects against moisture, discharge of resin, and mitigates cracking. Application: wooden facades, doors, windows etc.

Wood does not absorb paint well. Adhesion-primer, however, can be absorbed and forms a mitigating film between wood and paint coat. Without adhesion-primer, paint will likely detach from wooden surfaces.



Good to know: If your wood (pine, spruce, fir) is untreated and planed always start with the oil-primer "Grundolja", followed by the adhesion-primer "Trägergrund V". Only this way your paint adheres to the surface and the wood is protected optimally. Your advantage: This procedure prevents cracks, blisters and peeling of paint. The coating lasts much longer, eventually saving future time, money, and work.

Exceptions: For rough sawn wood, you only need the oil-primer „Grundolja“ – but not the adhesion-primer "Trägergrund V".

Application / My goal is...

...a coat of paint on untreated wood:

1. Only apply TRÄGRUND V on timber that has been prepped with oil-primer. Certain materials such as hard-wood (e.g. larch, oak, tropical timber) or press board oil-primer is omitted (cf. datasheet GRUNDOLJA), however, adhesion-primer must be used. TRÄGRUND V is not suitable as primer for mud-paint, pine tar, interior paint, or glaze. Please refer to the respective datasheet of your preferred paint for further information on primers.
2. *The surface has to be clean, dry and intact!* If this is not the case, brush or scrape off any loose material such as dirt or dust, then rinse everything with clear water and let the surface dry (<15% residual moisture, but >10% residual moisture).
3. Now commence applying the oil-primer "Grundolja" - please pay special regard to the cutting line, end-grain, nut and tongue – prime satially with „Grundolja“.
4. Not later than 7 days, apply the adhesion-primer "Trägergrund V". Stir well and coat one thin layer (only dip the tip of the brush into the can). Please do not dilute "Trägergrund V"! Let dry for 1-2 days, depending on weather conditions. TRÄGRUND V should not be left on the facade for more than 2 years without subsequent paint coat.
5. Then apply 2 coats of your preferred paint.

...to repaint coated surfaces with exfoliated areas:

1. Only apply TRÄGRUND V on timber that has been prepped with oil-primer. Certain materials such as hard-wood (e.g. larch, oak, tropical timber) or press board, oil-primer is omitted (cf. datasheet GRUNDOLJA), however, adhesion-primer must be used. TRÄGRUND V is not suitable as primer for mud-paint, pine tar, interior paint, or glaze. Please refer to the respective datasheet of your preferred paint for further information on primers.
2. Sand the areas where the pre-coating is peeling off, cracking, or generally not intact. Afterwards, rinse the *entire* surface with clear water and let dry. In case of mold or fungal infestation, use our moss and mold remover "FASSADTVÄTT". *The surface must be clean, dry and intact!* (max. 15% residual moisture).
3. Now, on sanded or uncoated surfaces, apply oil-primer "Grundolja". Let dry for 1-2 days, depending on weather conditions.
4. Not later than 7 days, apply the adhesion-primer "Trägergrund V" on every surface that has been sanded/primed. Stir well and coat one thin layer (only dip the tip of the brush into the can). Please do not dilute "Trägergrund"! Let dry for 1-2 days, depending on weather conditions. TRÄGRUND V should not be left on the facade for more than 2 years without subsequent paint coat.
5. Then apply one or two coats of your paint.

Tips:

- Do not intentionally apply on intact pre-coatings. TRÄGRUND V is intended as adhesion-primer on wood. There is no need for applying an adhesive between layers of paint. Nonetheless, you should always pay attention to the compatibility of binders, i.e. your new paint coat must have binders that will adhere to your previous kind of paint.
- TRÄGRUND V is not suitable for priming mud-paint, pine tar, interior paint, or glazes. Please refer to your paints respective datasheet for information about necessary primers.
- Adhesion-primer TRÄGRUND V is applied undiluted. Please do not dilute.
- Do not paint during rain, snow, high humidity, or temperatures below 8°. Please consider nighttime temperatures.
- TRÄGRUND V is viscous. Its consistency compares to molasses or liquid gum. Apply thin layers by 1-3 brushstrokes. Uneven appearing coatings are absorbed further into the wood overnight. If the surface appears unevenly coated directly after applying TRÄGRUND V do not worry: After one day the product is absorbed into the surface and now appears glazed/shabby-chic style.

Technical Data:

Tools:	Brush. Do not spray. Do not roll.
Consumption:	~6-8m ² /l on planed wood, ~4-6m ² /l on rough sawn wood.
Cleaning:	Water
Dilution:	Water. Do not dilute.
Drying:	At 20°C surface dry after 12 hours. Apply next coating after 1-2 days, depending on temperature and humidity.
Storage:	Store warm. Store frost-free.
Shelf life:	At least 2 years unopened.
Shade/Hue:	White – suitable for an estimated 90% of subsequent top-coatings, i.e. hues. Only if you are applying a low-coverage hue as top coating (e.g. many hues that are green, blue, red, yellow, or orange) using a colored adhesion-primer is advised (“UTEGRUND” in green, red, blue). Which shades are typically not suitable for outdoor use? Affected are most bright colorful hues, i.e. fire engine red, bright yellow, bright green, or moss green but also dark blue. All shades that can be purchased as sample are uv-resistant and possess good opacity/coverage. Further information is provided on our website. In an case, however, we will happily assist you beforehand.

