

# GRUNDOLJA

## Oil-primer



### Characteristics:

GRUNDOLJA is an oil-primer developed for wooden surfaces in outdoor areas. GRUNDOLJA excellently protects from moisture, fungal decay, and cracking of wood. Only use as primer on bare/uncoated timber. Do not use as primer for mud paint or pine tar. Apply on any absorbent wood surface (pine, spruce, fir, or weathered tropical lumber) before coating with paint. Do not use on fresh lark, douglas fir, or tropical lumber. GRUNDOLJA deeply penetrates into wood, hence it must be omitted on pre-coated surfaces or non-absorbent lumber. After 30-60 minutes, wipe down any residual oil from surfaces if the primer was not absorbed.

Pressure-impregnated wood does not replace the funktion of GRUNDOLJA!

**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". 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“.

### Application / My goal is...

#### ...a coat of paint on untreated wood:

1. *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).
2. Now commence applying the oil-primer "Grundolja" - please pay special regard to the cutting line, end-grain, nut and tongue – prime satially with „Grundolja“.
3. After 15-60 minutes: with an old rag or paper towel wipe down any residual oil from all surfaces that did not absorb the primer. Depending on weather conditions, let dry for 1-2 days. Wait no longer than 7 days before applying the adhesion-primer "Trägergrund" (if planed wood) or the paint coating (if rough sawn).

**ATTENTION:** The surface must be 100% dry. If not dry, any subsequent coating may crack or blister. Pay attention to absorbency. Some timber may be planed by industrial wood plane. These surfaces are repellent. Liquids (e.g. water, oil, or primer) will not be absorbed/adhere. In case of planed wood: roughen the surface by sand paper (grain size 60 or 80) or leave outside uncoated for several weeks. We'll be happy to assist you in any case of uncertainty.

#### ...to repaint coated surfaces with exfoliated areas:

1. 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)
2. Now, on sanded or uncoated surfaces, apply oil-primer "Grundolja". Let dry for 1-2 days, depending on weather conditions. Pay special regard to cutting line, end-grain, groove and tongue, in case it is absorbent.
3. After 15-60 minutes: with an old rag or paper towel wipe down any residual oil from all surfaces that did not absorb the primer. Depending on weather conditions, let dry for 1-2 days. Wait no longer than 7 days before applying the adhesion-primer "Trägergrund" (if planed wood) or the paint coating (if rough sawn).

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## **Tips:**

- If left opened the contents may dry out. Ingredients react with oxygen exponentially, please use up containers without greater interruptions or decant in smaller container. Dried oil-primer appears clotted and is not suitable for further use, as the contained ingredients have already oxidized.
- Avoid painting on warm or sunlit surfaces. Heat may evaporate solvents too quickly which reduces the possibility of its penetration deep into the wood, causing decreased adhesion. Particularly hot timber may emit gas as it cools overnight, causing blistering of fresh paint coats.
- Do not apply during rain, snow, high humidity or temperatures under +8°C – please consider the temperatures at night.
- Always store soaked rags and towels in water or closed metal container. Oils may spontaneously combust under certain conditions. You may also burn any soaked cloth in a controlled environment.
- Fresh and untreated coniferous timber (spruce, pine, fir) must only be treated once with GRUNDOLJA. Old and parched timber must be treated at least once, better though 2-3 times until fully saturated. On fresh timber, oil is absorbed within 15-20 minutes. Old timber may absorb liquids within one minute. If this is the case, plan on multiple applications of oil-primer. Saturated timber will crack less frequently, tensions are reduced to a minimum, and paint coatings will last much longer without needing any repair work, i.e. the coating will not crack open.
- Fresh and untreated planed timber may have been planed by industrial wood plane causing high temperature during processing. In this case the surface will not absorb liquids (e.g. water, oil, or primer). Before applying oil-primer drip water on the surface. If the water drops are absorbed within 1-2 minutes, you may start applying your coatings. If the water remains on the surface, drops do not lose any surface tension, you must not apply any coating whatsoever, as no possible product works on such a surface. Set up your wooden structure and leave uncoated for at least 14 days. Please ignore any preposterous recommendations to coat wood before construction, especially in between nut and tongue. Spaces that are not subjected to water or weathering, especially after being paint-coated from the outside, must not be treated whatsoever – as such a coating would be pointless.
- All oils incinerate if subjected to sunlight (uv-rays). If you apply GRUNDOLJA during summertime, if possible apply the next coat - either adhesion-primer (planed timber) or the paint (rough timber) – within 7 days. However, if the weather is primarily rainy or cloudy, oil-primer may last 14 days or more.

## **Technical Data:**

Contents:	Linseed oil, tung tree oil, white spirit	VOC:	(Cat. A/h) 750 g/l (2010)
Consumption :	4-7 m <sup>2</sup> /l on rough sawn wood, 7-10 m <sup>2</sup> /l on planed wood.	Coating conditions:	Do not apply <8°C, mind nighttime
Dilution:	white spirit (do not dilute)	Shade/hue:	golden yellow, liquid. Transparent once applied
Drying:	1-2 days at 20°C	Storage:	Minimum 2 years if unopened. Once opened, use up quickly or decant into smaller container. Avoid residual air within container.
Coating conditions:	Minimum +8°C (also at night),		
Tools:	Brush. Do not spray/roll.		

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