

# Titan V

## Self-cleaning paint for wooden facades

### Characteristics:

Titan V is an opaque, water-based emulsion paint based on urethane alkyd resin and polyurethane acrylic. It is perfectly suited for outdoor usage on most wooden facades, that require maximum durability, robustness, and a long-lasting clean surface. By using high-quality binders and pigmentation, TITAN V provides supreme resistance to weathering and uv-light, as well as very high protection from moss, mold, or fungal decay – significantly more than regular coatings. TITAN V is, hence, perfectly suited for outdoor usage on large wooden facades, sheds, or carports in immediate proximity to greenery and moist, shady environments. This paint is easy to apply and – if correctly applied/primed – protects your wood surface for 15+ years. Like its 'little brother' "SOLID V", TITAN V may be applied to any preexisting paint coating of undetermined origin and contents. However, it is not suitable for coating surfaces previously treated with mud paint or pine tar.



**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 "Trägrund 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 "Trägrund V".

### 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“ and let it dry for 1-2 days, depending on weather conditions.
3. Use the adhesion-primer "Trägrund V" (white) after drying but latest within 7-10 days and let it dry for another 12-48 hours, depending on weather conditions. Adhesion-primer "Trägrund V" may be omitted on 100% rough-sawn wood. Coarsely sanded or finely sawn does not qualify as rough-sawn!
4. Now apply the first coat TITAN V. Apply undiluted.
5. Depending on weather conditions wait at least 4-6 hours before applying the last coat.

#### ...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 mould remover "FASSADTVÄTT". *The surface must be clean, dry and intact!* (max. 15% residual moisture)
2. For sanded or uncoated surfaces use our oil-primer "Grundolja". Let dry for 1-2 days, depending on weather conditions.
3. Use the adhesion-primer "Trägrund V" (white) after drying but latest within 7-10 days and let it dry for another 12-48 hours (depending on weather conditions). Adhesion-primer "Trägrund V" may be omitted on 100% rough-sawn wood. Coarsely sanded or finely sawn timber does not qualify as rough-sawn!
4. Now apply the first coat TITAN V. Apply undiluted on entire surface.
5. Depending on weather conditions wait at least 4-6 hours before applying the last coat.

#### ...to repaint an intact coating on a wooden surface:

1. *The surface must be clean, dry and intact!* If this is not the case, brush or scrape off any loose material such as cracking/peeling paint, dirt, or dust, then rinse everything with clear water and let the surface dry (max. 15% residual moisture). If possible, use our facade cleaner "Fassadvätt".
2. Now apply the first coat TITAN V and leave to dry.
3. Depending on weather conditions apply the second coat TITAN V after at least 4-6 hours.  
*Applying the second coat may be omitted if the hues/shades of preexisting and new coating are identical!*



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### TIPS:

- Use a dense brush (oil paintbrush/china bristles, or high quality synthetic bristles – do not use a stain brush!!!)
- Avoid painting on warm or sunlit surfaces. Heat may evaporate solvents (water) too quickly which reduces the “binding” of the solid components in paint, causing decreased adhesion. Particularly hot timber may emit gas as it cools down over night, causing blistering of fresh paint coats.
- Do not paint during rain, snow, high humidity or temperatures under +8°C – please consider the temperatures at night.
- If you want to apply paint indoor (e.g. garage or cellar/basement), always let dry standing upright and with sufficient exposure to light and fresh air. If lacking ventilation, light, or applied too thickly facade paint will remain sticky for prolonged periods.
- Please pay special regard to the cutting line, end-grain, groove and tongue – saturate thoroughly with oil-primer “Grundolja” before applying adhesion-primer “Trägergrund V”.
- Solid V is a facade paint. Do not use for directly weathered surfaces, e.g. window frames, garden furniture, doors, raised garden beds. Rather use a more suitable paint like ODEN or TITAN V.
- If you did not consume the total volume of the bundle, close the cap carefully and store the closed bundle upside down. If you removed more than 50% of the volume, decant the paint into a smaller container to reduce residual air within the container. Store frost-free!

### Technical data:

Binder:	Polyurethane alkyd, acrylic	Density:	1,17 g/m <sup>3</sup>
Gloss:	45 (semi-gloss) on planed wood, 30 (silk matt) on rough sawn wood	Dilution:	Water (do not dilute)
Solid body:	>70 %	Washability:	Klasse 1 / top classification (EN13300)
Cleaning:	Water	Application:	Brush, Roll, Spray gun
Flammability:	inflammable	Coating conditions:	>5°C, not too warm (<26°C)
Storage:	2 years in unopened can, see: last point in “Tips”	Consumption:	5-7 m <sup>2</sup> /l on rough sawn wood, 8-10 m <sup>2</sup> /l on planed wood (per coating)
Volume:	For all pre-blended hues calculated as: base + pigment = contents	Drying:	Depending on weather conditions (humidity & temperature): 30-60 minutes until dry, 4-6 hours until repaintable
Durability:	at least 15 years if applied correctly		

**Attention!!! Some shades (e.g. many hues of RAL-color scale) possess inadequate opacity and/or uv-resistance. Not all hues/shades are suitable for outdoor usage. Please contact us in advance, we will be happy to assist (only applicable to individual shades that are not provided within any of our own color scales).**