

## SKYLT TiTANIUM | PRODUCT INFORMATION SHEET

High-solid waterborne Polyurethane Finish. 2 Component, ultra matt. To be applied as a full protection system in 2 coats. Or as a top finish on Skylt Original to provide additional gloss-mark resistance.

### Properties

- Highest level of gloss-mark and scuff resistance
- Ultra matt Invisible Finish
- High Solid; 2 coats Titanium equal 3 coats regular finish
- Suitable for furniture, flooring and walls. On wood, cork, vinyl, linoleum, concrete, mineral substrates etc..

### Profile

SKYLT TiTANIUM is the latest development of SKYLT Invisible Finish technology with Titanium-hard scratch-, abrasion- and gloss-mark resistance. Especially suitable on dark substrates due to its matt, yet clear appearance. Also to be used as a top finish on SKYLT Original for improved gloss-mark resistance. SKYLT TiTANIUM is durable, friendly for the applicator and end-user, hygienic and easy to clean.



### Samenstelling

Ons laboratorium is voortdurend op zoek naar de minst schadelijke en meest effectieve grondstoffen. Op moment van publicatie geldt:

Bindmiddel	Mengsel van plantaardige oliën
Droogmiddel	ISO-Cyanaat
Verduunning	Geen

Bevat gekookte lijnolie en andere (essentiële) plantaardige oliën.

### Recommended use

SKYLT TiTANIUM can be used on a variety of surfaces. Among others on parquets, floor boards, cork, vinyl, concrete look and linoleum floors, etc. For regular and heavy-duty use in residences, offices, shops and public areas. Also to be used as an invisible sealer on walls and furniture for improved stain resistance and cleanability.

Coverage	± 10 m <sup>2</sup> /liter @ 2 coats dependent on substrate ± 17 m <sup>2</sup> /liter @ 3 coats dependent on substrate
Dry to walk on	after 12 hour
Recoatable	after 2 - 3 hour
Sandable	After 6 - 8 hours
Density	1,06 kg/dm <sup>3</sup> ISO 2811
Viscosity	22 sec DIN 53 211 - Cup 4, 20 °C
pH-value	8 ISO 976
Solid content	~ 50 % -vol EN ISO 3251
VOC content	<50 g/l mixed product, omplies with EU legislation
Gloss 60°	4 gloss units Gardner DIN 67530/ ISO 2813
Gloss 85°	5 gloss units Gardner DIN 67530/ ISO 2813
Hardness	> 150 sec Persoz - ISO 1522
Abrasion resistance SIS	50 mg Taber - SIS 923509 (1 kg/2000 rev)
Abrasion resistance CS 17	15 mg Taber - ASTM D4060 (1 kg/1000 rev)
Resistances	•••• DIN 68 861 - part 1B
Scratch resistance	> 350 gram ISO 4586-2 Taber
Impact resistance	> 40 kg.cm ISO 6272 (dropping sphere test)

Bovenstaande technische specificaties gelden voor blanke ROYL OIL-2K bij standaard omstandigheden. Voor kleuren kunnen afwijkingen gelden.

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### Surface

The surface must be clean, dry and free of wax and grease. Bulging of wood filaments can be prevented by moistening the wood with a moist swab after primary sanding. Leave to dry and successively sand with P120 as usual, then make the surface thoroughly free of dust and immediately apply the first (base) coat. Depending on wood type and grain, this procedure normally obsoletes the need for intermediate sanding between applied coats. Test beforehand.

Applying SKYLT on ready-made material or a floor that has been finished with another product, first clean the surface thoroughly with STRIP in water and sand if necessary. Always test for adhesion.

### Tools

Use a RigoStep Parquet Roller, RigoStep Cork Roller, Rigo Steplicator or a full long hair brush. Use only tools with stainless steel or plastic parts. Clean your tools before setting starts with ample water. The dry product will dissolve in acetone.

### Application

SKYLT is ready for use. Do not dilute, for this may disturb the exact balance of its ingredients.

Add the content of the B component to the matching A component :

1 weight-part B on 6,7 weight-parts A

or 1 volume-part B on 7 volume-parts A

and thoroughly mix. Wait 10 minutes and pour the mixture through a sieve into a varnish bucket. Use within 2 -3 hours.

At relatively high temperatures, a low relative air humidity or application on larger surfaces pot life may be extended with RigoStep EXTENDER additive.

- Possible Systems on bare surfaces:

3 x SKYLT TITANIUM @ 17 sqm / ltr

or 2 x SKYL T TITANIUM @ 10 sqm / ltr

(use described method to prevent sanding in between)

or RigoStep primer first, and then 2 x RigoStep SKYLT.

- On pre-finished surfaces:

1 or 2x SKYLT TITANIUM

(first clean surface with RigoStep STRIP, test adhesion).

Distribute in even layers or chequers onto the surface. Prevent variations in thickness. It is important to put the SKYLT on lavishly. A full coat wets better, has optimal flow and takes longer before setting starts, which gives you more time to roll and make wet-in-wet connections.

Before applying the last coat lightly sand the surface if necessary. Make the floor (and the room) dust free. Intermediate sanding doesn't improve adhesion, but it makes the result smoother if required.

Pot life mixed product: Circa 2 - 3 hours at mixed qualities up to 10 liter. Do not close the container after mixing, to allow gas-pressure relief of the mixed product.

### Maintenance

Use RigoStep SKYLT CONDITIONER. To maintain the matt aspect to the best, SKYLT shouldn't be treated with polish.

### Circumstances

Do not process water borne products at (floor) temperatures below +10 °C, over +30 °C, or a RH over 80 %. Shade direct sunlight if necessary. Arrange for sufficient ventilation to remove water vapour during drying.

### Drying

Hand dry	after 1 - 2 hours
Next coat	after 2 - 3 hours
Sanding	after 6 - 8 hours Light use after 12 - 16 hours
Full use	after 7 - 14 days

Drying times given for 20°C, 65 % RH, regular coat thickness and sufficient ventilation. A lower temperature and/or higher RH may slow down drying times seriously. Always wait before applying a next coat till the previous is sufficiently dry. Inclusion of a non-dry coat may cause defects. Do not close a fresh layer off from air, and do not clean with water for two weeks after application.

### Coverage

Ca. 10 sqm/liter @ 2 coats, or 17 sqm/liter @ 3 coats. Dependent on the surface and the method of application. First layer on bare wood should be somewhat thicker (ca. 8 m2 per liter).

### Packaging

In 1 and 4 liter cans, with separate hardeners.

### Storage/transport

Shelf life stored in a cool and dry place, free from freezing, in closed original packaging at least 12 months from production date. Limited pot life after opening. The A component is not subject to license for road transportation and has no danger code for road- and rail transport according to ADR / RID. The B component contains isocyanate and is registered as Xi Irritating. Do not leave the product in your car. Bring to room temperature before use.

### Safety

Keep out of range of children. Avoid contact with eyes and skin. Use only in well-ventilated places. Contains Co-dryer. May cause allergic reactions. EU-limit value for this product (cat. A/d) is: 130 g/l. This product contains max. 50 g/l VOC.

For more information, see the relevant safety information sheet.

### More information

[www.rigoverffabriek.nl](http://www.rigoverffabriek.nl)

### Helpdesk

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