

SKYLT Titanium #5550

Technical Data Sheet



Product description:

Water-based 2-component polyurethane parquet lacquer for indoor use. Provides invisible and ultramatte protection on dark surfaces. Deepens the colour of dark woods and other dark surfaces. Particularly suitable for parquet, wooden floors, cork, wood and veneer work of furniture and interior panelling. Make surfaces suitable for very intensive use.

On light surfaces, use SKYLT Original #5510.

Product Specifications

	Packaging	Bottle + hardener 1 litre Jerrycan + hardener 4 litre
10-12 m ² /l	Average yield	Depending on the substrate and layer in the system: 1 st layer approx. 8m ² /L = approx. 125g/m ² 2 nd layer approx. 10m ² /L = approx. 100g/m ² 3 rd layer approx. 12m ² /L = approx. 80g/m ²
	Mixing ratio A:B	A: 910ml, B: 90ml for 1 litre finished product. A: 910gr, B: 90gr for 1 kg finished product.
	Thin with	SKYLT Titanium #5550 is ready to use.
	Clean with	Any used equipment and spilt materials should be cleaned with plenty of water before it dries. Prevent rinsing water from entering the environment. Once dried, the coat can only be removed mechanically.
	Area of application	Indoor.
A+B <3h	Potlife	Approx. 2-3 hours after mixing, afterwards do not use anymore. Do not seal mixed material airtight.
10-30 °C	Temperature during application	Ambiant and surface temperature between 10°C and 30°C.
40-80 %RLV	Relative humidity during application	Between 40% and 80% RH.
±1h	Dust dry	± 1 hour.
>3-4h	Drying time / can be recoated after at least	Approx. 3-4 hours.
>12h	Resilient after	Resilient against light loads after approx. 12 hours. Fully hardened after 3 days, at 20°C and 65% RH. Ensure sufficient ventilation. Covering/applying tape before fully hardened may damage the finish.
	Solid content	Approx. 32 vol%.
	VOC content	EU limit for this product (Cat.A/i): 140 g/l. This product contains max. 15 g/l VOC. Meets the Dutch Health and Safety requirements for professional use indoors.
	Gloss level	Invisible/ ultra matte.
	pH value	8 according to EN ISO 976.
	Wear resistance	Very good.

	Resistant to	Very good resistance to coffee, tea, wine, water, alcohol and detergents, Good resistance to hand fats.
	Storage, transport and shelf life	Transport and store in properly closed packaging in a cool and dry, frost-free location. In properly closed original packaging, this product has a shelf life of at least 12 months. Limited shelf life after opening.

Substrate and preparation

- Ensure the conditions are favourable for the correct application and drying process. Do so well before the actual application starts. This gives you the time and opportunity to make adjustments. Filter incoming sunlight if necessary, Ensure sufficient ventilation during drying. Ensure the product is at room temperature well before use.
- Register the batch numbers of the used products (6-digit number on the packaging).
- On unfamiliar substrates, always make a test area first.
- The surface must be clean, dry and free of wax, grease and dust. Wood must be sanded evenly. After the last sanding, carefully remove dust and immediately apply the first layer.

System Composition

- Bare sanded substrates:

Choose from the following possible systems:

- First layer SKYLT Overlakbare Kleurolie 2K #505x then 2 layers SKYLT Titanium #5550.
- 3 layers SKYLT Titanium #5550.
- On existing lacquer layers:
 - 1 to 2 layers SKYLT Titanium #5550.
 - First, clean the substrate with SKYLT Intensive Cleaner #9150 and sand with P120.
 - Check the adhesion beforehand.

Application

Mix

- Shake the component A firmly for 30 seconds.
- Add the component B and shake firmly again.
- Pour the lacquer through a sieve into a roller tray.

Note: When preparing a part from the complete packaging, always shake the entire packaging of the component A firmly before taking a part of it.

Apply

- Use a microfiber roller with a thickness of 9-11 mm. For the edges and small parts, use a full, long-haired brush. Only use stainless steel or plastic tools.
- Distribute evenly over the floor in strips or sections. Avoid differences in layer thickness. Make wet-on-wet connections.
- Important: apply a full layer of the lacquer; this provides better wetting and flows out optimally.
- Also suitable for spray application.
- Tip for the first layer: apply it in long narrow strips in the longitudinal direction of the wood, without crosscut breaks. Note: with a herringbone floor, do this diagonally. Wet over dry varnishing does not give a colour difference in the end result.

See also the processing film "Tips from the makers" on our website.

Other

- Finishing black layers of Rainbow Color Primer or EKODUR with SKYLT Titanium #5550 can lead to pale haze formation and visible roller patterns. In that case, use STEP Parketlak 2K #6550 Matte.
- Prevent iron particles in the wood. If iron particles are suspected, use Iron Contamination Blokker #0091 Additief in combination with STEP Parquet Primer #6130 Warm, STEP Parquet Primer #6090 Natural or SKYLT Original #5510 for the first coat of laquer. Please note that the oak may colour slightly darker,
- The use of water-based lacquers can cause disruption of the lacquer in the veins of kambala, afzelia, etc. STEP Sealer #6100 Tropical Wood reduces the chance of this disruption but cannot prevent this with a 100% guarantee. A 100% water-free system excludes this. Consider using ROYL oils.

Waste

Fluid lacquer residue and jerrycans containing wet lacquer residue should be disposed of as chemical waste. Fully dried lacquer residue and dried rollers and brushes can be treated as general waste.

SKYLT Maintenance Guideline

Use the table below as a guideline for floor maintenance:

	SKYLT Conditioner #9140 (or SKYLT Conditioner Spray #9141)	SKYLT Intensive Cleaner #9150	SKYLT Polish #9145 Ultramat
			
Area of application	Normal cleaning	Periodic cleaning – maintenance service	Restoration and repair
Light to moderate traffic such as living rooms and bedrooms.	2-3 times a month	Once every 1-2 years	Once every 1-2 years
Medium to heavy traffic such as intensively used living rooms, stairs, corridors, offices.	1-2 times a week	1-2 times a year	1-2 times a year
Heavy traffic such as shops, schools, restaurants.	Every 1-2 days	Once every 3-6 months	No polish 1 to 2 layers of lacquer of choice

Preventive maintenance

- Sand and dirt act like sandpaper. Use doormats to keep dirt to a minimum.
- Do not leave spilt liquids for too long.
- ⊖ Provide chairs and other furniture with protective pads.
- After a few years, your floor will need to be recoated. Make sure this happens on time or at least before the lacquer layer wears through anywhere.
- Make sure to repair deep scratches and any damage that completely cut through the layers of lacquer as a result of a sharp, falling object or point load in a timely manner.

Need more information or advice?

For frequently asked questions, please go to www.rigoverffabriek.nl. For immediate advice during office hours, you can call +31 (0)255 548 448, send an email to advies@rigoverffabriek.nl or send a WhatsApp message to +31 (0)6 47 05 78 24. The safety data sheet is available from www.rigoverffabriek.nl under product – document/factsheets.