

SKYLT Original #5510

Technical Data Sheet



Product description:

Water-based 2-component polyurethane parquet lacquer for indoor use. Provides invisible protection and reinforces the original, natural appearance of light surfaces such as parquet, wooden floors, wood and veneer finishes of furniture and interior panelling, Makes surfaces suitable for very intensive use.

Product Specifications

	Packaging	Can + hardener 0,50 litre Bottle + hardener 1 litre Jerrycan + hardener 4 litre
10-12 m ² /l	Average yield	10-12 m ² /L depending on the substrate.
	Mixing ratio A:B	A: 940ml, B: 60ml for 1 litre finished product. A: 940gr, B: 60gr for 1 kg finished product.
	Thin with	SKYLT Original #5510 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. 30 g/l VOC. Meets the Dutch Health and Safety requirements for professional use indoors.
	Gloss level	Invisible/ ultra matte.

	pH value	7-8 according to EN ISO 976.
	Wear resistance	Very good.
	Resistant to	Very good resistance to tea, water, alcohol and detergents. Good resistance to hand fats. Resistance to coffee and wine.
	Meets	AGBB/DBT - Germany Indoor Air Quality Decree - Belgium Interieur A+ - France
	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 Primer #5020 and two layers SKYLT Original #5510.
- First layer SKYLT Recoatable Colour Oil 2K #505x and two layers SKYLT Original #5510.
- 3 layers SKYLT Original #5510.
- If desired, apply an additional optional layer of SKYLT Extra #5300 Topcoat 2K. SKYLT Extra #5300 Topcoat 2K protects, preserves and enhances the natural appearance of SKYLT Original #5510 and prevents gloss streaks. In this case, build the system as follows:
 - o 2 layers SKYLT Original #5510 and 1 layer SKYLT Extra #5300 Topcoat 2K.
 - o 1 layer SKYLT Primer #5020, 1 layer SKYLT Original #5510 and 1 layer SKYLT Extra #5300 Topcoat 2K.

Before applying the last layer, sand the surface with P120.

- On existing lacquer layers:
 - 1 to 2 layers SKYLT Original #5510.
 - 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

- Use SKYLT Titanium #5550 on dark surfaces such as darker oak (eg smoked, reclaimed, thermally treated), cork or a warm tropical wood such as merbau, teak and suar. SKYLT Original gives a light bleaching effect on dark surfaces. If this light bleaching effect is desired, choose SKYLT Original in combination with SKYLT Primer #5020 as the first layer.
- 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.
- Prevent iron particles in the wood. If iron particles are suspected, use Iron Contamination Blokker #0091 Additief in the first layer of SKYLT Original #5510. Please note that the oak may colour slightly darker,

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	Every 1-2 days	Once every 3-6 months	No polish

such as shops, schools, restaurants.			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.