

Unica Super 90 - Urethane Alkyd Lacquer, gloss

DESCRIPTION

Quick drying urethane alkyd lacquer containing UV-protective agent which slows down the yellowing effect caused by sunlight.

PRODUCT FEATURES

Unica Super 90 is suitable for application on interior and exterior wooden surfaces. Tinted product gives better protection against sunlight than untinted product.

RECOMMENDED USES

Boats, furniture and floors that are subject to light mechanical stress.



TECHNICAL DATA



Base paints

EP

Colour Range

Available in the colours of Interior Wood Stains and Lacquers and Valtti colour card. Make a trial application on a small area to ensure that the colour is correct. If the colour is too dark, add colourless Unica Super or White Spirit 1050.

Gloss grade

Gloss

Coverage

12 - 14 m²/l per coat.

The above should be used as a guide, as actual spreading rates will depend upon many factors including texture, porosity and application method.

Can sizes

0.225 l, 0.9 l, 2.7 l and 9 l

Thinner

White Spirit 1050

Application method

Brush or spray. For airless spray use a nozzle 0.009" - 0.013" (0.230 - 0.330 mm).
Thinning: if necessary thin up to 10 vol-% with white spirit 1050.

Drying time at 23°C and 50% relative air humidity

Dust dry after 2 hours, touch dry after 6 hours, re-coatable after 24 hours. Final hardness after 2 weeks depending on ventilation, temperature of the air, relative humidity of the air and thickness of the paint film.

Chemical resistance

Withstands petrol, naphtha, white spirit and denatured alcohol, vegetable and animal fats, lubricants and grease. Does not withstand e.g. thinner.

Wash resistance

Excellent with all usual detergents, SFS 3755

Solids volume

48 %

Density

0.9 kg/l, ISO 2811.

Storage

Withstands cold storage and transportation. Poorly sealed or half empty container does not withstand longterm storage.

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APPLICATION DETAILS

Application conditions	The surface to be varnished must be dry, the temperature of the air at least +5 °C, and the relative humidity of the air below 80 %. Do not apply during strong sunlight or during damp and cold weather. Time the work so that the lacquer film will have enough time to dry before evening dew.
Preparation	Untreated surfaces: Remove dirt and dust from untreated surfaces. Wipe hardwood surfaces with White Spirit 1050 before treatment. Always prime bare exterior wooden surfaces with Valtti Base priming oil prior to applying lacquer. Previously treated surfaces: Wash down the surface with Cleaning Agent (Maalipesu) and rinse carefully with water. Remove old/loose lacquer with scraper. Sand the whole surface and remove sanding dust.
Lacquering	Methods: Brush or spray. For airless spray use a nozzle 0.009" - 0.013" (0.230 - 0.330 mm). Thinning: if necessary thin up to 10 vol-% with white spirit 1050. Stir Unica Super well before use. Prime untreated surfaces with Unica Super thinned with max. 20 % White Spirit 1050. Apply 2-3 thin and even layers. For finishing coat thin 0 - 20%, if necessary. Apply 1-2 coats of unthinned Unica Super on previously lacquered surfaces. Sand the surface lightly between coats. Note! Always prime exterior surfaces with full-gloss Unica Super 90.
Cleaning of tools	Clean tools with White Spirit 1050 or with Tikkurila Pensselipesu (Tool Cleaner).
Maintenance instructions	Avoid cleansing approx. 1 month after the painting work. Clean surface with a neutral (pH 6-8) dishwashing agent and a soft brush, sponge or a dust rag. Soiled surfaces can be cleansed with a cleaning tool using a neutral (pH 6-8) detergent. Rinse surface carefully after maintenance.
Maintenance treatment	Handle the surface with care, ultimate durability and hardness is reached in approx. a moth under normal circumstances. If cleansing is needed, use a soft brush, a mop or a damp cleaning cloth. Observe the condition of the exterior surface and recoat when necessary. Longer maintenance interval can be obtained with a tinted product compared to a colourless product. If the surface was previously treated with Unica Super lacquer, all similar solventborne lacquers can be used for maintenance painting.
EU VOC 2004/42/EC-limit value	(cat A/i) 500g/l(2010) Unica Super 90 contains VOC max. 500g/l.

HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008

Contains: Naphtha, hydro-treated heavy. FLAMMABLE. Use only in well-ventilated areas. Do not breathe vapour/spray. If swallowed, seek medical advice immediately and show this container or label. Keep out of the reach of children. Contains methylethylketoxime and cobalt octoate. May produce an allergic reaction. A Safety Data Sheet is available on request. [Safety Data Sheet - UNICA SUPER 60, 90](#)

ENVIRONMENTAL and WASTE DISPOSAL

Empty cans should be recycled or disposed of in accordance with local regulations. Liquid waste should be destroyed according to the local regulations. Risk of self-ignition! Cleaning cloths, sanding dust and overspray containing the product can create fire by self-ignition. Waste like this should be collected and stored e.g. in water before disposal or be dried preferably outdoors.

TRANSPORT

ADR: Drums/vessels

sre090415 / ssa040308 / ome110310 / mli261006 / ofl31102006 / 5566404

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.



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