

TIKKURILA

HELMI 10

MULTI-PURPOSE FURNITURE PAINT

DESCRIPTION	High quality furniture paint.
RECOMMENDED USES	Doors, skirting boards, window frames, radiators, cabinets, furniture etc.
PRODUCT FEATURES	For interior painting of wooden, wood fiberboard, chipboard and metal surfaces. Suitable for touch-up and first application painting and repainting of surfaces previously coated with an alkyd or acid-curing paint. Not suitable for repainting of surfaces painted with nitrocellulose lacquer.

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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TECHNICAL DATA

Base paints	A BASE, C BASE
Colour Shades	**Color cards:** Feel the Color, Symphony Color System, Feel the Color 2020, Color Now 2022, Deco Grey colour card Can be tinted in Tikkurila colors.
Gloss	Matt.
Coverage	8-10 m²/l.
Can sizes	A BASE: 0.225 l, 0.9 l, 2.7 l C BASE: 0.225 l, 0.9 l, 2.7 l
Application method	Synthetic fiber brush, roller Spraying: - Conventional spray: pressure 3-4 bar, nozzle 1.4-1.8 mm thinning 0-10 vol-% - Airless spray: nozzle pressure 140-160 bar, nozzle 0.009”-0.013”, thinning 0-5 vol-% Air-assisted airless spray: nozzle pressure 80-120 bar, atomization air pressure 1-2 bar, nozzle 0.009”-0.011”, thinning 0-5% by volume
Drying time	Dust-dry after 1 hour. Recoatable after 16 hours. Ready to use hardness after 2-3 days.
Density (kg/l)	1.2 kg/l in white, ISO 2811
Chemical resistance	Resistant to cleaning chemicals and mild solvents, such as white spirit. Any colored stains from coffee, tea, etc. must be wiped off immediately.
Wet scrub resistance	SFS-EN 13300 class 1, ISO 11998.
Light resistance	Does not turn yellow.
Volume solids (%)	40
VOC	(cat A/d) 130g/l(2010) Helmi contains VOC max. 130 g/l.
Storage	Protect from frost.

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APPLICATION INSTRUCTIONS

Application conditions

The surface to be painted must be dry, the ambient temperature at least +8 °C and the relative humidity of air below 80%. A relatively low temperature (approx. +15 °C) and high humidity (50–70% RH) prolong the open time of the paint, making application easier.

Surface preparation

Unpainted surfaces:
Carefully remove any dirt and dust from new surfaces for ensuring the best possible adhesion. Prime new wood and wood fiberboard surfaces with Helmi Pohjamaali. For absorbent porous surfaces, priming using a primer thinned 5–10% followed by intermediate sanding is recommended. Then, paint the surface with an unthinned primer.

Prime surfaces which needs special adhesion with Otex Akva. Prime knotty and yellowed wood with Multistop Primer.

Use a special anti-corrosion primer eg. Rostex Super Akva for anti-corrosion protection.

Previously painted surfaces:
Wash previously painted surfaces with Maalipesu detergent and rinse carefully with water. Remove loose paint with a scraper. Sand the hard, glossy and factory-painted surfaces non-glossy. Remove the sanding dust. Fill holes and cracks with Helmi Kalustekitti filler and sand the filled spots. Prime with Helmi Pohjamaali or Otex Akva adhesion primer or Rostex Super Akva for anti-corrosion protection.

Painting

First application:
Before use, stir the paint thoroughly down to the bottom and thin with water, if necessary. Apply 1–2 coats by brush, roller, paint pad or spray. On large surfaces, it is recommended to first apply the paint with a roller and then level the coat with a brush. We recommend the use of synthetic brushes with multi-branched bristles.

NOTE! If the undercoat is an alkyd primer, the final adhesion with the primer is reached after two weeks of applying the primer. During this time, avoid sticking masking tape, for example, on the surface.

Cleaning of tools

Remove excess paint/ lacquer from tools and clean with water. Clean tools with water. Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

Maintenance instructions

Approx. 1 month after painting at the earliest:
The surfaces are cleaned with a soft brush, sponge or cleaning cloth and neutral (pH 6-8) dish washing solution. Clean very dirty surfaces with weakly alkaline (pH 8-10) washing detergent and e.g. cleaning cloth or sponge. Rinse the surface carefully.

The product achieves its final hardness and durability after one month under normal conditions, therefore the surfaces must be handled with care during a couple of weeks. If the surfaces need to be cleaned soon after surface treatment, clean them lightly with a soft brush or a damp cleaning cloth.

Maintenance treatment

Maintenance painting: If a surface has been previously painted with HELMI finishing paint, it can be maintenance painted directly without a primer. See Pretreatment.

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Environmental protection and waste disposal

Avoid spillage into drains, water systems and soil. Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

Health and Safety

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. Wear protective gloves. Contains adipohydrazide, 1,2-benzisothiazol-3(2H)-one (BIT) and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains: C(M)IT/MIT (3:1) and BIT. If ventilation during spray-application is inadequate, use respirators with combination filter AP, gas/dust filter (EN405:2001).

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