



TIKKURILA

## HELMI LISTAVALKOINEN

WELL-COVERING AND DURABLE ACRYLATE PAINT. WHITE READY-MADE-SHADE  
COMMONLY USED IN INDUSTRY FOR PAINTING TRIM, DOORS, AND WINDOWS.

### DESCRIPTION

Well-covering and durable acrylate paint. White ready-made-shade commonly used in industry for painting trim, doors, and windows.

### RECOMMENDED USES

Trim, doors, window frames, cabinets, etc.

### PRODUCT FEATURES

For interior painting of wooden and metal surfaces. Suitable for touch-up and first application painting and repainting of surfaces previously coated with an alkyd paint.



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

<b>Colour Shades</b>	Trim White 255L.
<b>Gloss</b>	Semi-matt. Semi-matt.
<b>Can sizes</b>	0.333 l, 1 l, 3 l
<b>Drying time</b>	Dust-dry after 1 hour. Recoatable after 16 hours.
<b>Chemical resistance</b>	Resistant to cleaning chemicals and mild solvents, such as white spirit.
<b>Wet scrub resistance</b>	SFS-EN 13300 class 1, ISO 11998.
<b>Light resistance</b>	Does not turn yellow.
<b>Volume solids (%)</b>	40
<b>Storage</b>	Protect from frost. 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 primer. 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 need special adhesion with Otex Akva. Prime knotty and yellowed wood with Multistop Primer.

#### 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 and sand the filled spots. Prime with Helmi Pohjamaali or Otex Akva adhesion primer.

### Painting

Before use, stir the paint thoroughly down to the bottom and thin with water, if necessary. Apply 1–2 coats by brush, roller 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.

### Cleaning of tools

Remove excess paint from tools. Clean tools with water. Tikkurila Pensselipesu (Tool Cleaner) is recommended to be used to remove a bit hardened paint.

### Maintenance treatment

If needed, after approx. 1 month from 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.

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

Surfaces painted with Helmi Listavalkoinen can be maintenance painted with Helmi Listavalkoinen or Helmi topcoat. See Pretreatment.

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 finishing, clean them lightly with a soft brush or damp cleaning cloth.

### 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.

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## 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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