

TIKKURILA OPTIVA COLOUR

LATEX PAINT FOR WALLS AND CEILINGS

DESCRIPTION

waterborne acrylic, latex paint for decorative painting of interior walls and ceilings inside residential, office and public utility premises and in schools and health care premises (hospitals, schools, kinder-gardens), workhouses and production plants and also food industry without direct contact with food.

Forms beautiful, washable matt finish. Rich colors, the palette of colors over 13 thousand colors, is the best guide for your interior. Let yourself be inspired.

BENEFITS AND CHARACTERISTICS



- High coverage – up to 12m²/l per coat
- High hiding power
- Durable of surface and colour in time
- Paint structure reduce penetration of dust and other contamination into the walls
- Scrub resistance: 2nd class (according to: PN-EN 13300:2002). (PN-EN ISO 11998: 2007).
- Durability of coat and colour in time
- Easy application thanks to non-dripping formula, very good adhesion, easy application and quick drying time
- Minimal – below the EU norm – VOC content – below 5 g/l

TECHNICAL DATA

Colours	White and colours from colour cards Tikkurila Symphony, NCS, RAL. Pallet of shades for over 10.000 colours.
Base	AP and C (depend on colour).
Gloss grade	Full matt [2]; the paint gives a deep matte finish to the surface.
Example of use	Painting of gypsum boards, gypsum, cement-lime plasters, decorative painting of concrete substrates as well as for renovation of old coatings. Product may be used on wood and metal surfaces before application surface should be primed with suitable primer (Tikkurila Everal Primer, Tikkurila Everal Corrostop, Tikkurila Rostex Super Akva).
Binder	Acrylic dispersion.
Solids content	Approx. 53% weight (depend on colour).
Density	Base AP – approx. 1,35 g/cm ³ , Base C – approx. 1,28 g/cm ³ (depend on colour).
Coverage	Up to 12 m ² /l max. with one coat. The coverage depends to a large degree on such factors as absorbability, substrate texture, application method and colour.
Drying time	At temperature +23°C, relative air humidity 50% the paint needs approx. 1 hours to dry. The interval between application of subsequent coats must be at least 4 hours. In lower temperatures and higher

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humidity the time between the application of next coat might be longer.

Resistant to wet scrubbing

2nd class (according to: PN-EN 13300:2002), (PN-EN ISO 11998:2007).

APPLICATION INSTRUCTION

Surface preparation

Unpainted surfaces: New plaster and concrete substrates can be painted after 4 weeks of seasoning. Clean these surfaces from dust and dirt, smooth out irregularities and losses with putty. Gypsum boards, cardboards and putty may be painted after they are fully dry. Then apply one coat of primer paint Tikkurila Optiva Primer. It is possible to primer the surface with diluted Tikkurila Optiva Colour – max. dilution with water up to 30%. As finishing coat apply two coats of Tikkurila Optiva Colour.

Previously painted surfaces: Wash the surface before coating and remove grease and dirt and flaking fragments of old coat. Sand glossy surfaces and smooth out irregularities and losses with putty. Then apply one coat of primer paint Tikkurila Optiva Primer. It is possible to primer the surface with diluted Tikkurila Optiva Colour. – max. dilution with water up to 30%. As finishing coat apply two coats of Tikkurila Optiva Colour.

Surfaces painted with glue or lime paint: Remove thoroughly the lime or glue paint. Clean the surfaces from dust and dirt, smooth out irregularities and losses with putty. Then apply one coat of primer paint Tikkurila Optiva Primer. It is possible to primer the surface with diluted Tikkurila Optiva Colour – max. dilution with water up to 30%. As finishing coat apply two coats of Tikkurila Optiva Colour.

Notice: It is recommended to check if the used putty is strong and stable surface – if after delicate hand wipe the putty is falling or leave the dust on hand then it means that the surface is loose and it has to be primed with Tikkurila Suprabilit impregnant.

Application method

Brush, roller, spray (nozzle: 517, pressure: 180-200 bar).

Thinner

If necessary thin up to 5% with water.

Application conditions

All surfaces intended for coating must be dry, air temperature may not be lower than +5°C and not higher than +25°C, relative air humidity below 80%.

Application

Before application thin sufficient amount of paint from one production batch to avoid possible colour difference. Before painting stir the paint thoroughly. Depending on substrate porosity apply 2 coats of Tikkurila Optiva Colour. For colours of particularly weak hiding power (marked within the tinting system) it may be necessary to apply additional coats. In case of applying colours marked in tinting system as weakly hiding (LH) and intensive colours from C base, it is recommended to use priming paint Tikkurila Optiva Primer, tinted to a colour close to the colour of finishing paint. The painting tape should be removed immediately after painting, before the paint will dry. It is recommended to use ANZA painting tools. **Notice:** Full resistance properties to wet cleaning, according to PN-EN 13300, coating achieves

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after 28 days from the end of painting.

NOTICE:

In this technical data sheet, it is impossible to describe all aspects of the use of the product. In cases that are not described above, please contact the Technology Advisor. We will gladly provide you with detailed information related to a particular object.

Tools cleaning

Before washing tools should be thoroughly wiped in order to remove as much paint. Clean tools with water immediately after the completion of the work.

PRODUCT SAFETY

Environmental

Do not discharge liquid rests into sewers. Empty containers and packaging containing residues of paints pass to the point for the collection of this waste. Detailed information on the possibility of collecting waste from your local Municipal Office.

Work health and safety and fire protection measures

After work and before breaks wash your hands thoroughly. If ventilation during spray application is insufficient use respirators or full face respiratory protective equipment, fitted with a filter absorbing dust P2 (II b). When painting wear appropriate protective clothing and gloves. Keep the paint out of reach of children. After application of paint in closed rooms ventilate until disappearance of smell and after that time the rooms are suitable for use. This product contains a biocidal product for the preservation of the product during storage. Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)), 1,2-benzisothiazol-3(2H)-one (BIT) and 2-methyl-2H-isothiazol-3-one (MIT). May produce an allergic reaction. Wear protective gloves. The Material Safety Data Sheet is available on Customer's request.

Storage and transport

The product must be transported and stored in containers, which protect it against influence of atmospheric conditions. The storage and transport temperature must be between +5°C and +25°C. Protect the paint against frost. Close tightly the packaging immediately after use. Tightly closed packaging should be stored in room with temperature not lower than +5°C and not higher than +25°C, protect from frost and direct sunlight.

VOC

Cat. A/a. The product contains a minimal amount of volatile organic compounds below 1,5 g/l (below the applicable standard). Since 2010 permissible VOC content is less than 30 g/l.

Shelf life

3 years from production date, in factory closed packaging.

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„This information is not intended to be exhaustive or complete. This information is based on laboratory tests and practical experience are transferred in accordance with our best knowledge. Product quality is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As a manufacturer we can't control the conditions under which the product is used or a variety of factors that affect the use and application of the product. We do not take responsibility for damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the information given without prior notice. ”