



Optiva Colour - Vinyl matt trade emulsion

Description	Waterborne acrylic, latex paint for decorative painting of interior walls and ceilings.
Product features	High solids matt emulsion formulated to reduce sparking and flashing whilst providing good covering power. Painting of gypsum and cardboard boards, cement-lime plasters, concrete surfaces. Tikkurila Optiva Colour may be applied for renovation of previously painted surfaces.
Recommended uses	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.



TECHNICAL DATA



Base paints	AP and C
Colour Range	White and colours from colour cards Tikkurila Symphony, NCS, RAL. Pallet of shades for over 10.000 colours.
Gloss grade	Full-matt
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.
Thinner	Water
Application method	Brush, roller, spray (nozzle: 517, pressure: 180-200 bar).
Drying time at 23°C and 50% relative air humidity	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 humidity the time between the application of next coat might be longer.
Special feature	Easy application thanks to non-dripping formula, very good adhesion, easy application and quick drying time.
Wet scrub resistance	2nd class (according to: PN-EN 13300:2002), (PN-EN ISO 11998:2007).
Solids volume	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).
Storage	Protect from frost and direct sunlight.

APPLICATION DETAILS

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

Diluting

If necessary thin up to 5% with water.

Painting

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 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.

Cleaning of tools

Before washing tools should be thoroughly wiped in order to remove as much



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EU VOC 2004/42/EC-limit value

paint. Clean tools with water immediately after the completion of the work.
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.

HEALTH AND SAFETY LABELLING

according to Regulation (EC) No. 1272/2008

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 (H b). When painting wear appropriate protective clothing and gloves. Keep the paint out of reach of children. 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.

 [OPTIVA COLOUR](#)

ENVIRONMENTAL and WASTE DISPOSAL

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.

TRANSPORT

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