

## TIKKURILA ANTI-REFLEX white [2]

Anti-reflex paint for ceilings

### DESCRIPTION

TIKKURILA ANTI-REFLEX WHITE [2] is a white, anti-reflex, waterborne, high quality deep matt latex paint for interior ceilings. Thanks to unique composition of titan compound and function fillers paint eliminate the light reflex which gives the feeling of the uneven surface. Paint is designed for decorative-protective painting of interior ceilings inside residential, office and public use buildings and in schools and health care premises (hospitals, schools, kindergartens), workhouses and production plants and also food industry without direct contact with food. It emit neutral smell during application and drying. It creates uniform deep matt surface resistant to delicate washing.

### BENEFITS AND CHARACTERISTICS

#### MATT XTREME TECHNOLOGY

- Anti-reflex properties optically eliminate the surface imperfections.
- Uniform deep matt surface independently of light dropping angle.
- Deep matt finish – gloss grade [2].

#### VERY GOOD HIDING POWER

- Only one coat of paint is enough – to paint which or off-white ceilings\*

\* under condition that existing surface have no stains or discolourations, etc.

#### PERFECT FINAL EFFECT

- No smudges and stripes on the surface.
- Effect of smooth surface thanks to very good spreading of paint.
- Possibility to make correction on the ceilings during application thanks to longer opening time.

#### ECOLOGICAL RECIPE

- Low VOC content, below the accepted norm.
- Neutral smell during painting.

#### EASY APPLICATION

- Non-dripping/splashing formula.

### EXAMPLES OF USE

Paint TIKKURILA ANTI-REFLEX white [2] is design for painting of ceilings in interior buildings. It can be used for painting of previously painted surfaces with dispersion paints. It is good for painting putty surfaces, plaster, fireboard, chipboard and plaster facing and fibreglass wall papers and this type of materials. Products is good also for decorative painting of concrete. It is ideal for: living rooms, kids rooms, bedrooms, dining rooms, hotels, hallways and in offices and public areas. It is recommended for painting of large area and large lighting ceilings, creates fully matt and anti-reflex small-grained surface.

### TECHNICAL DATA

**Density:** 1,29 g/cm<sup>3</sup>

**Binder:** ethylene copolymer and vinyl acetate.

**Scrub resistance:** the highest - 1<sup>st</sup> class (according to norm: PN-EN 13300:2002). (PN-EN ISO 11998:2007). In case of dirt on the surface for cleaning might be used water with delicate cleaning detergent.

**Irradiation resistance:** durability test for irradiation of the surface with UVC germicide lamps – the look of the surface and the shade didn't change after 8 hrs. of irradiation.

**Gloss grade:** deep matt [2].

**Colour:** white.

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## SPECIFICATION

### Preparation of substrate:

Unpainted surfaces (putty surfaces, plaster, concrete and chipboards, fibreboards and gypsum boards): clean these surfaces from dust and loose particles. Prime with paint Tikkurila Anti-Reflex white [2] thinned with water up to 20%.

Previously painted surfaces with dispersion, alkyd and oil paints: Wash the surface before painting and remove grease. Remove flaking fragments and sand the surface and clean with water. Sand glossy surfaces with mid-grained sanding paper. Clean the surface with water and let to dry.

Surfaces painted with glue or lime paint: Remove thoroughly the lime or glue paint till the plaster. Smooth out irregularities and losses with putty. Prime the whole surface with paint Tikkurila Anti-Reflex white [2] thinned with water up to 20%.

Spackling and filling the losses: 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 SUPRABILIT impregnant.

On the previously painted surfaces please make a test painting on the small surface. The positive effect of the test decide on the use of the product. In this data sheet it was impossible to describe all surfaces preparation. In case of surfaces which weren't described please contact our Technical Advisor. We will give you all information with pleasure.

NOTICE! Don't start application if the surface temperature is lower than +5°C.

## APPLICATION

**Methods:** Roller, brush, spray (nozzle: 0,017 – 0,021).

**Dilution:** Doesn't require tinning, if necessary dilute 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%.

**Painting:** To achieve the surface with required parameters it is recommended to paint it with 1-2 coats.

**Coverage:** approx. 6-8 m<sup>2</sup>/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. 30 min. to dry. The interval between application of subsequent coats must be at least approx. 3 hours. In lower temperatures and higher humidity the time between the application of next coat might be longer.

**Durability to irradiation:** after 8 hrs of constant explosion time with UVC lamp (distance to the surface -1,5 m) the surface is not yellowing.

**Cleaning of tools:** Before washing wipe the tools well off to remove as much paint as possible. Clean the tools with water, directly after finishing of works.

## ENVIRONMENT PROTECTION

Do not discharge liquid rests into sewers. The liquid rests of paint must be transferred to licensed companies for disposal. Empty containers transfer for recycling.

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## WORK HEALTH AND SAFETY AND FIRE PROTECTION INSTRUCTIONS

Product used according to the instruction and use is not classified as dangerous. 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. The Material Safety Data Sheet is available on Customer's request. Do not discharge liquid rests into sewers. The liquid rests of paint must be transferred to licensed companies for disposal. Empty containers transfer for recycling.

## 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. 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.

**SHELF LIFE:** 2 years from production date on the can.

## PACKAGING:

3l and 10l.

**VOC:** Category A/a. Product contains minimal amount of volatile organic compounds - below 15 g/l VOC (lower than required norm). Since 2010 acceptable content of VOC - below 30 g/l.

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