

TECHNICAL DATA SHEET

Date of issue: 2021

SEPTOLUX NANO

DESCRIPTION

SEPTOLUX NANO is high quality emulsion paint with Ag (silver) Nanoparticles for interior use. It prohibits the development of bacteria and mold on the film of paint. A nano-technology product which is certified for its properties from Industrial Microbiological Services Ltd Registered in England (IMSL) and according to standard EN71-3:2013 for non heavy metal migration from toys and toys materials. It has high coverage and excellent wet scrub resistance. Ideal for painting areas where aseptic-hygiene conditions are required, such as hospitals, schools, food industries etc.



TECHNICAL CHARACTERISTICS

Density	: 1,35 - 1,45 depending on the shade(EAOTENISO 2811 20°C)
Viscosity	: 97-102KU (ASTM D562)
Resistance to wet abrasion	: 10.000cycles(DIN 53778)
Thinning	: 5-10% with water
Coverage	: 12m ² /lt per layer
Drying time	: Touch dry after 1 hourand recoat able after 2-3hours
Colors	: Unlimited number of shades through tinting system of TETRALUX.
Packaging	: 750ml, 3lt, 10lt
VOC (VolatileOrganic Compounds)	: EU limit value for this product Category A: “a”, Type:WB, Interior matt walls and ceilings (Gloss <25 @60°): 30g/l (2010). This product contains max 29g/l VOC.



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Painting tools	: Brush, roller, pistol Remove as much paint as possible from the equipment in the container and clean it immediately with hot water and soap.
Conditions of application	: Do not apply at temperatures below 10°C and above 35°C.
Storage	: Store at temperatures from 5°C to 40°C. Close the container after every use.

APPLICATION

Stir well before use

Surfaces must be clean, dry and free from foreign objects and substances

New surfaces	1st layer: Priming with Acrylic water based primer or water based primer TETRADUR, which is waterproof undercoat, with strong adhesion and high penetrance. 2nd layer: One layer of SEPTOLUX NANO. Dilution 5-10% with water 3rd layer: One layer of SEPTOLUX NANO. Dilution up to 5-10% with water
Painted surfaces	Scraping, puttying and priming with Acrylic water based primer or water based primer TETRADUR, if it's necessary and application of two layers of SEPTOLUX NANO diluted 5-10% with water.

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult TETRALUX Safety Data Sheets and follow all local or national safety regulations.