

TIMANTTI CLEAN
Special acrylate

PRODUCT TYPE	A semi-matt water-borne acrylate dispersion paint which contains BioCote® silver phosphate glass antimicrobial technology to preserve the coating surface and prevent colonisation and degradation caused by microbial growth once applied to the intended substrate.
EMISSION CLASSIFICATION	Group M1 in Emission Classification of building materials The product has been granted the right to use the allergy label of the Finnish Allergy and Asthma Federation.
USAGE	For indoor use in spaces where wall and ceiling surfaces must be easy to clean and resistant to abrasion. Recommended objects, where special acrylate improves the functionality of the spaces, are hospitals, health centres and other public health premises, nursing homes, kindergartens, schools and other public spaces, as well as e.g. food industry spaces. TIMANTTI CLEAN can be applied to primed concrete, plaster, stopper, brick and building board surfaces according to the instructions. TIMANTTI CLEAN is also suitable for repainting old alkyd and dispersion paint coats.
TECHNICAL DATA	
Active ingredient	TIMANTTI CLEAN enhanced with BioCote® antimicrobial technology has been tested for antimicrobial performance in accordance with ISO 22196:2011 and exhibited a minimum of 95% and up to 99.99% reduction in the population of Escherichia Coli and Methicillin Resistant Staphylococcus Aureus (MRSA). Testing was carried out by an independent laboratory.
Solids	Abt. 37 % by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/a): 30 g/l. The product's VOC: max. 30 g/l.
Practical spreading rate	6 - 8 m ² /l
Density	abt. 1.3 g/ml
Drying time +23°C, the relative air humidity 50% - dust free - overcoatable	after 1 hour after 3 hours The drying process will be slower in cold and/or damp. The product obtains the final hardness and durability in normal conditions after about 1 month.
Thinner, clean up	Water. Wash the equipment immediately after use with detergent and warm water.
Finish	Semi-matt
Colours	Base paints 1 and 3, which can be tinted to obtain the shades in Interior and Exterior Colour Cards.
Washability and wear resistance	Wear resistance of the painted surface is very good. The painted surface can be washed repeatedly. Wet scrub resistance, class 1 according to EN 13300 (ISO 11998).
Packages (availability varies by country)	Base paint 1 and 3: 9 L, 18 L
SAFETY MARKINGS	See Safety Data Sheet.

DIRECTION FOR USE**Surface preparation**

Clean new surfaces from dust and dirt.
Wash previously painted surfaces with RENSA SUPER paint cleaner.
Matt down hard or gloss surfaces by sanding and thereafter remove the dust.
For smoothing of irregularities in the surface choose a suitable stopper from the TEKNOSPRO series. The dried stopper is sanded down and the dust removed.

Priming

HUMID AREAS AND WET ROOMS: Prime concrete, plaster, stopper, brick, and building board surfaces with TIMANTTI W moisture sealer.
IN DRY AREAS prime the surfaces previously mentioned with TIMANTTI 3 Primer.

Steel surfaces are primed with FERREX AQUA Anticorrosive paint.
Prime galvanized surfaces with TIMANTTI 3 Primer.

Application

Before use stir the paint thoroughly.
Apply TIMANTTI CLEAN once or twice by roller, spray or brush.
Recommended nozzle size for airless spray is 0.017 - 0.021".

Conditions

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.
Good ventilation during the application and drying period quickens the drying process.

Maintenance instructions

The final forming of the paint film takes abt. 4 weeks under normal circumstances and after that the ultimate durability and hardness is reached. Before this the painted surface must be treated with care.

The painted surface can be cleaned by wiping with a neutral (pH 6 - 8) detergent. For very dirty surfaces can also alkalescent (pH 8 - 10) detergents be used. Detergent and dirt are removed by wiping and/or rinsing the surface with clean water. Use a cleaning cloth, soft sponge or similar for cleaning. Avoid coarse brushing or heavy abrasion. Follow the dilution and other instructions of the detergent producer when using detergents.

Storage

Must not freeze.

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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