

TECHNICAL DATA SHEET

ULTRASATEN

Description

ULTRASATEN is an acrylic enamel for walls. Very easy to clean and ecological, the product owns an excellent coverage and washability, it is scratch resistant and highly resistant to abrasion.

It resists every stain: splashes of soft drinks, coffee, sauces, fruit juices, mud as well as drawings of children on the walls.

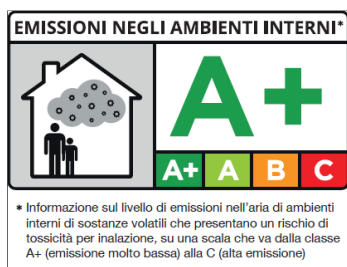
Ideal for environments where continuous and frequent cleaning is essential such as stairs, corridors, kitchen, children's room.

It is available in over 3000 shades and 3 gloss grades: matt, satin and gloss.

The product has been put through all the tests indicated by the UNI 11021:2002 regulations for "Products and systems for painting environments where there are food stuffs present".

Compliant with CAM (Minimum Environmental Criteria). III level certification. EPD.

Product certified in class "A+" under emissions classifications (Decree of the Official French Gazette dated 19th April 2011).



Ideal Use

Interior walls to be decorated, subject to intense tear or dirt. Base coat for decorative products.

Surface Preparation

Clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply the recommended acrylic fixative CRILUX or NEOFIX by OIKOS. Wait at least 6 hours before painting. In order to increase the coverage of the cycle use as primer IL PIGMENTATO by OIKOS. In the event that the decoration requires a perfectly smooth finish, screed over the surface first with STUCCO IN PASTA PER RASATURA (paste screed for walls) by OIKOS

Application Method

Apply two coats of ULTRASATEN diluted 20 ÷ 25% with drinkable water, leaving 4 ÷ 6 hours between each coat. ULTRASATEN can be applied by roller, brush or spray gun. It is a self-expanding product that does not leave signs of roller or brush strokes.

By adding one litre of Bimax 03 base TR to four litres of Ultrasaten (Gloss, Satin or Matt), it is possible to obtain a mix with which very particular decorative effects can be created:

Sabbiato Effect: on a smooth surface apply by brush, in an irregular manner, one coat of the ULTRASATEN/Bimax mix, diluted 20-25% with water. After a few minutes, pass back over the surface with the brush free of product, in order to highlight and bring out further the effect. If the coverage is not sufficient, after 4 – 6 hours a second coat can be applied. The yield varies according to the quantity of

Technical Data Sheet us/05

product applied. Yield 9-10mq/lit

For this finish it is also possible to obtain the Stellato effect by adding two pots of the additive Decorglitter for every litre of the mix that is created.

Le Trame Effect: on a smooth surface apply one coat of Fondo Murales. After drying, using a brush, apply one coat of the ULTRASATEN/Biamax mix diluted 15% with water, taking care to pass over the product for the last time in a horizontal direction, immediately work over the surface by dragging the Tool for Corduroy effect (art. 133) in the same direction. In order to eliminate eventual imperfections caused by accumulations of product, before the product is dry, pass back over the surface with the Spatola Dentata (art.A01). Once dry, repeat the operation, always applying the product in a horizontal sense but working over the surface with the Tool for Corduroy effect in a vertical sense and using the Spatola dentata to remove eventual imperfections. It is essential to regularly clean excess product from the Tool for

Corduroy effect in order to avoid the formation of lumps. Yield 4-5mq/lit.

For this finish it is possible to obtain the Stellato effect by adding one pot of the additive Decorglitter to every litre of the mix generated.

These effects can also be used as the base for the application of other Oikos decorative products thus further enlarging the range of decorative finishes that can be achieved. In these instances it is best to mix Biamax into the MATT version of ULTRASATEN

Technical Characteristics: Application

Dilution:	20-25% with drinkable water, Le Trame 15%.
Yield:	9-11 m ² /l in two coats. Le Trame 4 ÷ 5 m ² /l, Sabbiato 9 ÷ 10 m ² /l
Application tools:	Brush, roller or spray gun (1.7 mm nozzle) Tool for Corduroy effect
Primers:	CRILUX, NEOFIX, IL PIGMENTATO by OIKOS
Application temperature:	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time tack free:	1 ÷ 1.30 hours (temperature =20°C with relative humidity less than 75%)
Drying time fully cured:	4 days (temperature = 20°C with relative humidity less than 75%)
Tools cleaning:	Water

Technical Characteristics: Product

Composition:	Acrylic resins in water dispersion, organic and inorganic pigments, special additives aimed at helping application and film formation.
Specific weight:	Gloss: 1.24Kg/l; Satin: 1.3 Kg/l; Matt 1.37 Kg/l ±3% (white)
pH:	8-9.5
Viscosity:	10,000-20,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature:	+2°C ÷ +36°C. Keep from freezing
Reaction to fire:	B - s1, d0 (UNI EN ISO 13501-1:2019)
Water absorption W24:	W3 Low permeability (UNI EN 1062-3:2001)
Water vapour permeability (Sd).	V1 High permeability (UNI EN ISO 7783-2:2001)
Resistance to wash:	Class 1 washability (UNI EN ISO 11998:2006)
Minimum Environmental Criteria (CAM):	III level certification. EPD.
Emissions classification:	A+ (Decree of the Official French Gazette dated 19th April 2011).
Emission limits of Volatile:	Classification Satin/Matt A/a; VOC: 28g/l (max);
Organic Compounds (VOC)	Limit 30g/lit
according to directive 2004/42/CE	Classification Gloss: A/b; VOC: 80g/l (max) Limit 100 g/l
Colours:	White + shades from the colour chart Interior, RAL, NCS
Packaging:	1 - 4 - 10 l.

Technical Data Sheet us/05

Certificates:

UNI 11021:2002 "Products and systems for painting environments where there are food stuffs present".

Safety information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is considered to be a non dangerous substance if used in the technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specifications

Thoroughly clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply a sealer based on acrylic resins such as CRILUX or NEOFIX by OIKOS. In order to increase the coverage of the cycle use as a primer IL PIGMENTATO by OIKOS. Wait at least 6 hours before painting. Apply then two coats of an ecological enamel for walls such as ULTRASATEN by OIKOS, cleanable, extra washable (class 1), in class A+ under emissions classification, compliant with standard UNI 11021:2002 for use in environments where there are food stuffs present. All must be carried out in accordance with the norms of application, at a cost of m2. inclusive of materials and labour.

Note

The company Oikos Spa guarantees, to the best of its own technical and scientific knowledge, that the information contained in this technical data sheet is correct. Notwithstanding that indicated above, Oikos takes no responsibility for the results obtained through the use of this product in as much as it is not possible for Oikos to check or control the application method used. For this reason, we recommend that you check carefully that each product chosen, is suitable for each individual use to which it is put.