

TECHNICAL DATA SHEET

IAP

Ultrasaten

Product characteristics

sez. 1

ULTRASATEN is a water based, acrylic enamel for walls, that comes in a gloss, matt or satin finish. The product is self-expanding, scratch resistant, resistant to abrasion. ULTRASATEN guarantees a good coverage with low thickness, a high yield, great washability and excellent resistance to yellowing, to alkali (ammonia and sodium solutions) alcohol, chemical detergents and dirt retention. Easy to clean and wash, it is ideal for public premises as schools, hospitals, offices etc. It is a high quality product and conforms to the norm DIN 53 778. It is odourless, non-toxic, non-flammable and environment friendly.

Ideal use

sez. 2

Interior walls to be decorated, especially when subject to abrasion or dirt. Base coat for decorative products.

Preparation of the surface

sez. 3

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.

Application method

sez. 4

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.

Finish

sez. 5

MULTIDECOR, VELDECOR by OIKOS

Technical characteristics: the application

sez. 6

Dilution	20-25% with drinkable water
Yield	9-11 m ² /l in two coats
Tools	Brush, roller or spray gun (1.7 mm nozzle)
Primers	CRILUX, NEOFIX, IL PIGMENTATO by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: tack free	1 ÷ 1.3 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: the product

sez. 7

Composition	Acrylic resins in water dispersion, organic and inorganic pigments, additives aimed at helping application and film formation.
Specific weight	Gloss: 1.24Kg/l; Satin: 1.3 Kg/l; Matt 1.37 Kg/l (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
Fire reaction	Negative when the product is applied onto a non flammable surface: water based material with dry thickness of less than 0,600 mm
Water vapour permeability (Sd)	Gloss: 1.9 m; Satin: 1.7 m. Matt: 1.2 m (max allowed limit 2 m DIN 52 615)
Resistance to washing	Conforms to the norm DIN 53 778, resistant to at least 1,000 abrasive cycles.
Resistance to abrasion	Conforms to the norm DIN 53 778, resistant to more than 5,000 abrasive cycles, in this case over 60,000 hits of brush.
Resistance to tear and adhesion	
Resistance to cleaning	Conforms to the norm DIN 53 778, cleaning of impurities and dirt with less than 800 abrasive cycles.
Available colours	White + Colours Chart from DCS Decor Color System by OIKOS.
Packaging	1 - 2.5 - 4 - 10 - 14 l

Toxicological data

sec. 8

The product is free of any harmful substances, pigments or other components containing heavy metals such as lead or chrome. Further to this, the product contains no toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is non combustible and is held to be a non-toxic 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, any spillage should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of as any normal waste product. The transport must be executed according to the international agreements

Specifications

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Clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply an acrylic fixative as CRILUX or NEOFIX by OIKOS. In order to increase the coverage of the cycle use as primer IL PIGMENTATO by OIKOS. Wait at least 6 hours before painting. Apply then two coats of an acrylic paint like ULTRASATEN by OIKOS, conforming to DIN 53 778, protective, unalterable, washable, self-expanding and water-repellent. All must be carried out in accordance with the norms of application, at a cost of m². inclusive of materials and labour