

TECHNICAL DATA SHEET

ENCANTO

Technical Qualities

ENCANTO is a special, water based, decorative paint whose simple application, delicate blended tones and precious metallic accents that, according to the light, create elegant, shimmering reflections, confirm the union between antique techniques and modern product giving the surroundings a charming and prestigious feel that is difficult to obtain with a normal paint. The product is easy and quick to use and gives no problems of joints during application. Thanks to its composition, the product can be used in interior settings, giving the surfaces a charming effect with a transparent metallic veil, or an intense rich Colour with shimmering metallic reflections. With Encanto antique art, modern design and fashion, as if by magic, are brought together in a single product, leaving an enchanting look on the wall made up of coloured, metallic accents. ENCANTO is vapour permeable, has a low odour level, is non inflammable and friendly to both humans and the environments.

Ideal Use

Decoration of interior surfaces.

Surface Preparation

New surfaces should be dry and fully matured. For powdering surfaces or surfaces with old paint that is no longer well attached, proceed to clean the surface removing any loose or crumbling material.

Following

this, proceed to apply a coat of CRILUX or NEOFIX by Oikos. To obtain a uniform surface apply two coats of Ultrasaten Opaco by Oikos, White or Coloured according to the indications in the Encanto product manual. To obtain an opaque finish with the following bases Silver, Grey and Gold, this can be accomplished by using Murales by Oikos as a base coat in One or Two coats as required.

Application Method

Apply a coat of ENCANTO using the indicated Spanish brush by Oikos, crossing over the brush strokes in order to obtain an even distribution over the whole surface.

Should a more even, blended finish be desired, it is possible to apply the ENCANTO in 2 coats, diluting the product 20% with drinkable water and waiting approximately 4 hours between coats.

With the same technique use Ultrasaten Opaco as a base coat in a contrasting colour in respect to the colour of Encanto, therefore obtaining a particular metallic finish with reflections of colour. The resulting effect is made by feathering or smoothing out the application of Encanto. To obtain the Glitter effect add Decorglitter by Oikos to Encanto.

Other than the classic decoration it is possible to obtain other decorative effects by modifying the combination of Colours and Tools as follows:

Sponge Glove Method: On a smooth surface, apply Ultrasaten Opaco as a base coat. After which apply Encanto in the traditional method, when dry apply Imperium by Oikos diluted at 10-15% with a brush passing straight away with the sponge glove (art.115) gently patting, creating a high grade metallic effect. To acquire the Glitter effect, add Decorglitter by Oikos to Imperium.

Yield: Encanto 6-8 m²/ltr, Imperium 12-14 m²/ltr

Corduroy Tool Method: On a smooth surface, apply Ultrasaten Opaco as a base coat. Apply Encanto ready to use, either vertically or horizontal with a brush work this after wards in the same direction with the Corduroy Tool (art 133) When dry it is possible to apply Imperium by Oikos diluted 25%, with a Gloss Roller (art A04) taking care to apply the last coat in the same direction therefore eliminating imperfections and acquiring a high grade metallic effect. To acquire the Glitter effect, add Decorglitter by Oikos to Imperium.

Yield: Encanto 6-8 m²/ltr, Imperium 12-13 m²/ltr

Corduroy Tool Method (Crisscross): On a smooth surface, apply Ultrasaten Opaco as a base coat. Apply Encanto ready to use with a brush horizontally, in the same direction pass with the Corduroy Tool (art. 133). When dry repeat the application in the opposite direction, in this case, vertically. When dry it is also possible to apply Imperium by Oikos, diluted at 25% with a Gloss roller (art. A04) taking care to apply the last coat in the same direction therefore eliminating imperfections and acquiring a high grade metallic effect. To acquire the Glitter effect, add Decorglitter by Oikos to Imperium.
Yield: Encanto 4m²/ltr, Imperium 12-14 m²/ltr

Brush Method: Apply a base coat of Biamax 03 or 07 with a brush, crosshatch method, to obtain an antique effect. Applying Encanto diluted at 15-20% with the same technique it is possible to give the surface an antique effect with chromatic reflections. To acquire the Glitter effect, add Decorglitter by Oikos to Encanto.

Yield: Biamax 03 4-4,5 m²/ltr, Biamax 07 3,5-4 m²/ltr, ENCANTO 6-9 m²/ltr

Finish and Protective Coatings

To better protect ENCANTO from wear and tear, apply the special transparent, protective varnish WATINS LUX or IGROLUX by OIKOS. To achieve a finish with brilliant reflections, it is possible to mix WATINS LUX or IGROLUX with the additive DECORGLITTER by Oikos.

Technical Characteristics: Application

Dilution:	5-20% with drinkable water depending on the required effect
Yield:	6-9 m ² /l according to surface absorption and required effect
Application tools:	Spanish brush by Oikos
Fixative:	Crilux or Neofix by Oikos of surface
Base coat:	Fondo Murales or Ultrasaten Opaco by Oikos
Application temperature:	+10°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time Touch dry:	1 h (temperature = 20°C with relative humidity around 75%)
Drying time fully cured:	7 days (temperature = 20°C with relative humidity around 75%)
Tools cleaning:	water

Technical Characteristics: Product

Composition:	Acrylic copolymers in water dispersion, special effect pigments, selected fillers and additives to facilitate application.
Specific weight:	0,9 kg/l +/- 3%
pH:	6 ÷ 7
Viscosity:	10.000 - 15000 CPS Brookfield (RVT 20giri/min.a 25°C)
Storage temperature:	+2°C ÷ +36°C. (Keep from freezing)
Reaction to fire:	Negative if the product is applied on a non inflammable base; water based material with dry thickness of less than 0,600 mm.
Vapour permeability Sd:	High: Sd 0,008 m (UNI EN ISO 7783-2:2001)
Resistance to washing:	Class 3 (UNI EN ISO 11998:2003) .
Emission limits of Classification:	A/I; VOC: 40g/l (max); Volatile Organic Limit Phase I (from 1.1.2007), 300 g/l Limit Phase II (from 1.1.2010):200 g/l according to directive 2004/42/CE:
Colours:	Shades of the colour chart
Packaging:	Litri 1 - 4 - 5

Toxicological Data

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

Carefully clean the surface removing any loose material. Apply, if necessary an acrylic primer such as Crilux or Neofix by Oikos. Apply base coat, Ultrasaten Opaco by Oikos white or the colour specified by the Encanto Product manual. Apply a metallic veiled decorative paint Like Encanto by Oikos at the end to obtained the desired effect . All must carried out in accordance with the norms of application, at a cost ofa m2. inclusive of materials and labour.

The company Oikos S.r.l 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.