

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 colour chart. To obtain a more opaque finish with the following bases Silver, Grey and Gold, this can be accomplished by using Fondo Murales by Oikos as a base coat in one or two coats as required.

Application Method

Encanto: 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. Immediately pass again over the surface with the brush without any product to make the finish uniform. 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 chosen 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.

Encanto Stellato: add Decorglitter by Oikos to ENCANTO before applying the product using the technique indicated above.

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

Vertical: Apply a coat of ENCANTO diluted 5% with water, using the Spanish Brush by Oikos. The effect should be realised using plenty of product and applied using the edge of the brush to apply the material in a vertical sense. Following this, use the flat part of the brush without any product to blend the edges of the various bands that have been created. Carry out the application over vertical wall sections that are approximately 30 – 40cm wide.

Pegaso (Tampone Millerighe) (tool for cor-du-roy effect): 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 afterwards in the same direction with the corduroy tool Tampone Millerighe (art 133) When dry it is possible to apply Imperium by Oikos diluted 25%, with a gloss roller Rullo per Smalti (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 to Imperium.

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

Pegaso incrociato (Tampone Millerighe incrociato) (tool for cor-du-roy effect, criss cross): On a smooth surface, apply Ultrasaten Opaco as a base coat. Apply ENCANTO ready to use, in a horizontal sense, with a brush, work this afterwards in the same direction with the corduroy tool Tampone Millerighe (art 133). When dry repeat the application vertically. When dry it is possible to apply Imperium by Oikos diluted 25%, with a gloss roller Rullo per Smalti (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 to Imperium.

Yield: Encanto 3-3,5 m²/ltr, Imperium 12-14 m²/ltr

Centaurus: Apply Il Primer as a base coat and once dry, screed the surface using a coat of Raffaello (R00). When the first coat is dry, apply a second coat of Raffaello (R00) as if to screed the wall again. Before the product dries, put a small quantity of product on the bottom of the Inox steel trowel and apply short trowel strokes to the surface in a horizontal sense, pressing the product and lifting the product in order to create crests of material over the surface. It is important to not pass back over the same crest too many times in order to not smooth it too much. Once dry, using a brush, apply an abundant coat of undiluted ENCANTO (Grey Base) over the whole surface, without however leaving accumulations of product or evident brush strokes on the surface (pass back over the surface with the brush without product to blend and perfect the effect and to remove any accumulations of material). Immediately use a dry synthetic sponge Spugna Sintetica (art 139) to slightly pass over just the crests to remove any other accumulations of product and to smooth the ENCANTO which will then appear brighter and stand out more. The finish can be created using various colours and combining various colours of Raffaello with various colours of ENCANTO.

Yield: Raffaello 1,7 -1,5 kg/m² – ENCANTO 6 – 7 m²/lt

Dorado: On a smooth surface, apply Ultrasaten Opaco as a base coat, in the colour indicated in the colour chart. Once dry, use a brush to apply a first coat of ENCANTO, diluted 5% with water, moving diagonally over the surface. Before the product dries, pass back over the surface using the brush, but without any material and always in a diagonal sense, in order to even out the distribution of material over the surface. Once dry, using an inox steel trowel, apply a second coat of ENCANTO, diluted 5% with water, putting a small quantity of material on the bottom of the inox steel trowel and applying short vertical markings. Apply the trowel markings in a staggered and non continuous pattern.

Yield: 7 – 8 m²/lt

Ellettra: Screed the surface using Paste Screed for Walls by Oikos. Apply a coat of Neofix in order to reduce absorption. Once dry, using a roller for enamels Rullo per Smalti (art. A04) apply one or two coats of undiluted Imperium looking to have as even application as possible.

Once dry, using a brush, apply ENCANTO diluted 20% with water, in a vertical sense, and then work over the surface using the rough part of the sponge glove Guanto in Spugna (art. 115) in such a way as to highlight the vertical stripes. Carry out the application over vertical wall sections that are approximately 30 – 40cm wide. After 8 hours, apply a second coat of ENCANTO using the same technique but in a horizontal sense in order to obtain a criss cross pattern. The effect can be varied by combining different colours of Imperium with different colours of ENCANTO.

Yield: Imperium 6 – 7 m²/lt in two coats – ENCANTO: 7 – 8 m²/lt

Perseo: It is recommended to achieve this effect on a surface which is smooth and without imperfections. If necessary, screed the surface with Paste Screed for Walls by Oikos. Apply as a base, a coat of Ultrasaten Matt in the colour indicated in the colour chart. Once dry, using a brush, apply undiluted ENCANTO over an area of approximately 80 x 80 cm. On the product applied, spread out a sheet of plastic Pellicola (art A12) that has already been crumpled up, lightly press the sheet onto the surface and move it about slightly using the palms of the hands. Continue over the surface in the same way, putting plastic sheets on sections of the applied material in an irregular fashion until the whole surface is covered. In order to avoid visible joins in the effect, it is recommended to distribute the sheets in

Technical Data Sheet INT/en/07/en

an irregular fashion over the surface and not in chessboard pattern. Leave the product to dry for a couple of hours. The sheets should not be detached too early so as to avoid also removing the product, but they must not be left too long either so as to avoid that they stick too much to the surface. The ideal time to leave the sheets for is between 2 and 5 hours according to the temperature. Having detached the sheets and left the product to completely dry, it is possible to pass over the surface with a soft cloth to eliminate any imperfections, small pieces that come away or any loose, dry material.

Yield: 3 – 4 m²/lt

Izar: It is recommended to achieve this effect on a surface which is smooth and without imperfections. If necessary, screed the surface with Paste Screed for Walls by Oikos. Apply as a base, a coat of Supercolor in the colour indicated in the colour chart. Once dry, apply using the polycarbonate trowel Spatola Policarbonato (art. A11) a coat of undiluted ENCANTO as if to finely screed over the surface. Once dry, apply a second coat in the same way. In order to have as smooth a surface as possible, before the product is completely dry, it is recommended to compact the material by passing back over the surface, smoothing it with the blade of the polycarbonate trowel Spatola Policarbonato (art A11).

Yield: 3 m²/lt

Cygnus: It is recommended to achieve this effect on a surface which is smooth and without imperfections. If necessary, screed the surface with Paste Screed for Walls by Oikos. Apply as a base, a coat of Ultrasaten Matt in the colour indicated in the colour chart. Once dry, using a brush, apply a coat of ENCANTO diluted 20% with water, in a horizontal sense and then work over the product using the rough side of the Marine Sponge (art. 115) in order to highlight the horizontal stripes. Carry out the application covering the surface in bands of approximately 30 – 40 cm. Once dry, apply a second coat of ENCANTO in the same way but in a vertical sense in order to obtain a criss cross pattern. Immediately work over the product in a vertical sense using the wood finish tool Tampone Legnato (art. 109).

Yield: 3 m²/lt

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%, passing straight away with the sponge glove Guanto in Spugna (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

Brush Method: Apply a base coat of Biamax 03 or 07 with a brush, cross-hatch 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:	With drinkable water depending on the required effect
Yield:	Varies according to surface absorption and required effect
Application tools:	Vary according to the desired effect
Fixative:	Crilux or Neofix by Oikos.
Base coat:	Varies according to the desired effect.
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 20rounds/min. at 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 Volatile Organic Compounds (VOC) according to directive 2004/42/CE:	Classification: A/I; VOC: 40g/l (max); Limit Phase I (from 1.1.2007): 300 g/l Limit Phase II (from 1.1.2010): 200 g/l
Colours:	Shades of the colour chart
Packaging:	1 - 4 - 5 litres

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

Carefully clean the surface removing any loose material. Apply, if necessary an acrylic primer such as Crilux or Neofix by Oikos. Apply the specific base coat required by the chosen application technique. Apply a metallic veiled decorative paint such as Encanto by Oikos in the chosen effect. All must carried out in accordance with the norms of application, at a cost ofa m2. inclusive of materials and labour.

Note

The company Oikos S.r.l guarantees that the information contained in this technical data sheet is given to the best of its own technical and scientific knowledge. 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.