

## TECHNICAL DATA SHEET

# OTTOCENTO

### Technical Qualities

OTTOCENTO is a vapour permeable coating that thanks to its formulation based on resins in water dispersion and special metallic pigments, makes it possible to obtain particular decorative finishes both with a classical or contemporary style. The main characteristic of OTTOCENTO is that of reproducing an effect similar to that of velvet, according to the angle at which light hits the surface. The product has low odour levels, is non inflammable and is friendly to both humans and the environment.

### Ideal Use

Decoration of walls and interior furnishings.

### Surface preparation

Clean the surface to be treated, removing all loose and flaking materials. On old or powdering surfaces, it is recommended to apply a coat of the sealer NEOFIX or CRILUX by OIKOS.

On rough or irregular surfaces, screed using PASTE SCREED FOR WALLS by OIKOS.

Proceed with preparation of the base by applying one or two coats of Supercolor by OIKOS in the colour indicated in the colour chart, diluted 40% with drinkable water.

For certain effects, the use of the base coat Ultrasaten Opaco by Oikos diluted 20-25% with drinkable water is advised in order to reduce the absorption of the surface.

Once dry, after 4 ÷ 6 hours, proceed to apply OTTOCENTO according to the desired finish.

### Application Method

- **ANTICO VELLUTO:** Apply OTTOCENTO on the surface in an irregular fashion using a medium size Inox steel trowel until the whole surface has been covered. Before the product dries, pass over the surface moving the product about with the trowel in order to obtain the desired two – tone velvet effect. The application and working of the product do not create problems of joints in as much as OTTOCENTO, smoothed over and squashed by the trowel during application, compacts itself and flattens in an even fashion between one area and another. For the shades made from base AN 740 (AN 741, AN 742, AN 743, AN 744, AN 745) we recommend that you apply as a base, a first coat of the same Ottocento diluted 50% using a short haired roller. Yield 7-9 m<sup>2</sup>/l

- **VERTICALE/DIAGONALE:** Apply OTTOCENTO in vertical or diagonal stripes using a medium sized inox steel TROWEL until the entire surface has been covered. Before the product dries, pass over the applied product following the same direction used in the application of the product in order to obtain the geometrical effect desired. The application and working of the product do not create problems of joints in as much as OTTOCENTO, once smoothed over and squashed with the trowel during application, compacts itself and flattens in an even fashion between one area and another. For the shades made from base AN 740 (AN 741, AN 742, AN 743, AN 744, AN 745) we recommend that you apply as a base, a first coat of the same Ottocento diluted 50% using a short haired roller. Yield 7-9 m<sup>2</sup>/l

- **IMPERIALE/DAMASCO:** Apply using a short hair roller, two coats of OTTOCENTO diluted 50% with drinkable water, leaving 6 ÷ 8 hours between coats; Once dry, create the decorative IMPERIALE effect finish by dabbing the surface with a tampon or for the decorative DAMASCO effect, using a marine sponge, in both cases using the same colour of SUPERCOLOR by OIKOS as was used for the base coat, diluted 70 ÷ 80% with drinkable water. Yield 7-9 m<sup>2</sup>/l

- **LE TAPPEZZERIE:** Apply with short hair roller two coats of OTTOCENTO diluted 50% with drinking

water leaving 6 ÷ 8 hours between one coat and the other; once dry create the desired decorative finish by applying, with the indicated tool, the same colour of SUPERCOLOR by OIKOS that was used as the base coat, diluted 70 ÷ 80% with drinkable water. Yield 7-9 m<sup>2</sup>/l

•**LA SETA DELL'OTTOCENTO:** effect. To achieve this finish it is necessary to use Ultrasaten Matt as a base coat instead of Supercolor. Using a brush apply OTTOCENTO, diluted 20% with water, in an irregular fashion until the entire surface is covered. Before the product dries, pass back over the surface using the brush without any product in order to make the effect more visible. For this finish it is possible to achieve a Stellar effect by adding the additive Decorglitter into OTTOCENTO. Yield 8-10 m<sup>2</sup>/l

•**NORMA:** To create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO using a Spanish brush (art 140-149) in vertical stripes, alternating stripes loaded with more product with others created using less material. Before the product dries, squash the product applied using the flat part of the stainless steel trowel and proceeding in the same sense as during the application of the product itself, in order to blend the stripes with each other. Yield 9-11 m<sup>2</sup>/l

•**TURANDOT:** To create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO using a brush in a band that isn't too wide. Immediately work over the surface using the rubber comb (art. A10) to create parallel lines. The effect should be created using short, staggered brush strokes (max 50cm). The tool should be held in a slightly inclined compared to the wall surface and the brush strokes should all be in the same direction. After every passage over the surface, remove excess material from the tool. Continue to apply further bands of product and work over in the same way until the whole surface is covered. In order to create the same finish but in a criss cross design it is sufficient to wait until the first coat of OTTOCENTO is dry and then apply a second coat using the same technique but changing the orientation of application. Yield 2-3 m<sup>2</sup>/l

•**POLLIONE:** In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply OTTOCENTO, diluted max 10% with drinkable water, using a brush and then distribute over the surface using the Synthetic Sponge (art. 139) to obtain the desired effect, using the green coloured, rougher side of the sponge to accentuate the patten created. Regularly remove excess material from the sponge and if need, cut the sponge in half to have a better hold on it. Yield 5-7 m<sup>2</sup>/l

•**GILDA:** In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Mix 8 parts of OTTOCENTO with 1 part Biamax 03 base TR diluted 5 – 10% with drinkable water. Spread the mix over the surface using the Large Spanish Brush (art. 149) in criss cross brush strokes, pass back over the surface with the brush, without any product on it, to blend and correct any eventual imperfections. Yield 8-10 m<sup>2</sup>/l

•**MIMI':** In order to create this finish it is necessary to use the product Ultrasaten Opaco White as a base coat. Apply a thin coat of Kreos White, diluted 5% with drinkable water, crossing over the brush strokes. Lightly pass back over the surface using a brush with no product on it, in order to make the brush strokes less evident. Once dry, sand the surface using sandpaper (180) to smooth it slightly. After having carefully removed any dust, apply a coat of OTTOCENTO diluted 10-20% with drinkable water using the Synthetic Sponge (art. 139) to leave a veil of product over the surface. Yield 12-14 m<sup>2</sup>/l

•**RIGOLETTO:** In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Using a brush, apply OTTOCENTO diluted 40% with drinkable water in an initial, not too wide, vertical band on the surface. Immediately work over it using a Bristle Brush (art. A09) in order to create parallel lines. The effect needs to be created using brush strokes oriented in the same direction holding the tool perpendicular to the surface. After each pass over the surface, remove excess product from the tool to avoid damaging the bristles. Continue the process until the whole surface is covered. Apply a second coat in the same fashion Yield 9-11 m<sup>2</sup>/l

•**FIGARO:** In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen

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colour as a base coat instead of Supercolor. Apply OTTOCENTO, diluted max 10% with drinkable water, using the Special Roller (art. 110) in vertical bands with a width of max 1mt. Immediately pass back over the surface using the Cloth Roller (art.117) in an irregular fashion, both in a vertical and a diagonal sense avoiding the creation of small accumulations of product. 10-12 m2/l

•AIDA: In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO using a Spanish Brush (art 140-149) creating a, not too wide, band on the surface. Immediately start to work over the product using the uneven part of the Marine Sponge (art.108) in order to create parallel lines. Remove excess product from the sponge. Continue to apply and work bands of product until the surface is completely covered. Wait until the first coat of OTTOCENTO has dried and then apply a second coat using the same technique but in the opposite sense to the first coat. Yield 2-3 m2/l

•DESDEMONA: In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO, using a Spanish brush (art 140-149) creating a, not too wide, band on the surface. Immediately proceed to work over the product with a Tool for Cor du Roy effect (art.133) creating parallel lines. Remove excess product from the tool. Continue with further bands of product over the surface using the same technique until fully covered. To achieve a criss cross finish, just wait for the first coat of OTTOCENTO to dry and then apply a second coat using the same technique but in the opposite sense to the first coat. Yield 3-4 m2/l

•CARMEN: In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO by brush in a square area of about 50x50 cm. Immediately work over the surface using the Wood Finish Tool (art. 109) making vertical passes over the surface and regularly removing excess product from the tool. Continue in the same way until the whole surface is covered. Yield 1,5-2,5 m2/l

•TOSCA: In order to create this finish it is necessary to use the product Ultrasaten Opaco in the chosen colour as a base coat instead of Supercolor. Apply undiluted OTTOCENTO by brush in a square area of about 50x50 cm. Immediately dab over the surface using a Net Pad (art. A08) orienting the pad with the thicker part of the tool towards the bottom. Pass back over with the Pad several times to even out the quantity of the product as well as the effect. Yield 8-10 m2/l

•Aged OTTOCENTO on Fil Posè: On the Kreos Fil Posè finish, apply OTTOCENTO diluted 20% with drinkable water, until the surface is completely covered, using a brush and following the direction that the Fil Posè has been applied in. Once dry, sand down the crests of product using fine sand paper (type 150), following this, remove any dust and the traces left during the sanding. Yield 6-8 m2/l

**Finishes and protective Coats**

In order to protect OTTOCENTO and make it more washable, apply the special transparent, protective varnish Watins Lux or Igrolux by Oikos. In order to achieve a finish with star like reflections, Decorglitter by Oikos can be mixed into the protective coat.

**Technical Characteristic:application**

Dilution:	Dilute with drinkable water according to the effect to be achieved
Yield:	The yield varies according to the desired effect
Application tools:	Varies according to the effect to be achieved
Fixative:	Neofix or Crilux by OIKOS
Base coat:	Supercolor or Ultrasaten Opaco by OIKOS in the colour indicated in the colour chart.
Protection:	Watins Lux or Igrolux by OIKOS
Application temperature:	+05°C ÷ +36°C (with relative humidity not exceeding 80%)
Time until touch dry:	1 ÷ 1,30 h (temperature = 20°C with relative humidity at 75%)
Total drying time:	7 days (temperature = 20°C with relative humidity at 75%)
Tools cleaning:	Water

**Technical Characteristics: the product**

Composition:	Resins in water dispersion, organic and inorganic pigments, special metallic pigments.
Specific weight:	1,08 kg/l +/- 3%
PH:	6,5 ÷ 7,5
Viscosity	14.000 ÷ 18.000 CPS Brookfield (RVT 20 revs/min. at 25°C)
Storage temperature:	+2°C ÷ +36°C. Keep from freezing
Reaction to fire:	Negative if applied onto a non inflammable base; water based material with a dry thickness of less than 0,600 mm
Permeability to water vapour Sd:	0,24 m (max limit allowed 2 m, DIN 52 615)
Emission limits of Volatile Organic Compound (VOC), according to the directive 2004/42/CE:	Classification: A/1 ; VOC: 30 g/l (max); Phase 1 limits (from 1.1.2007): 300 g/l, Phase 2 limits (from 1.1.2010): 200 g/l
Colours:	Shades of the colour chart
Packaging:	Litres 1 – 4

**Safety information**

The product does not contain any heavy metals such as Chrome or Lead nor does it contain any toxic solvents, aromas and chlorate. 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... 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 and wait for it to dry. Once dry after 4 ÷ 6 hours proceed to apply on to a smooth and fully prepared surface, OTTOCENTO according to the type of finish desired.

All must be carried out in accordance with the norms of application, at a cost of ..... m<sup>2</sup> inclusive of materials and labour.

**Note**

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.*