

Technical Qualities

PALLAS by OIKOS is a silk effect, decorative paint that creates reflections that vary according to the intensity of the light. The finish makes it possible to satisfy the most sophisticated decorative requirements, re-proposing the splendour of antique fabrics that were used in the past in the interiors of the most luxurious palaces.

Thanks to the multiple application possibilities, it is possible to create a vast range of pearlescent, drape- like finishes according to the tool used and the ability of the decorator.

Thanks to the products particular composition based on high tech, water based resins, the product is washable, has low odour levels, is non inflammable and is friendly to humans and the environment.

Ideal Use

The decoration of walls, interior furnishings and laminate, PVC, metal and wood surfaces.

Surface Preparation

Carefully clean the surface to be treated, removing any loose or flaking material, fill any holes, screed and sand in order that the surface is perfectly smooth and sufficiently compact and solid. Only for the RASO and MAREZZATO effects, apply two coats of Supercolor by OIKOS in the indicated shade of the colour chart, avoiding that any imperfections are left on the surface. If necessary pass back over the surface whilst the product is still wet, using the Roller for Enamels (Art.A04). For surfaces such as: zinc sheets, laminates and smooth surfaces, clean and de-grease using suitable products, apply a preventative coat of the adhesive primer Fundgrap by OIKOS; on new wood, apply Novalis Fondo Riempitivo by OIKOS; on these products it is only necessary to apply a single coat of Supercolor by OIKOS.

Application Method

RASO:

First coat: spray the product onto the surface moving the spray gun from left to right and then from right to left. Following this, spray the product from top to bottom and then from bottom to the top without waiting between the two passes. Turn the butterfly nozzle in a horizontal position for the passage from left to right and in a vertical position for the passage from top to bottom. The crossing over of the two jets will insure the evenness of the product application.

Second coat: once dry, after 3 ÷ 4 hours repeat the application as in the first coat. Yield 3 - 4 m²/l

CHIFFON:

First coat: using a Special Roller (art.110) apply PALLAS diluted 50% with water. Pass back over the surface immediately using a Roller for Enamel (art. A04) to make the finish even.

Second coat: using a Large Spanish Brush (art.149), apply PALLAS diluted 30% with water, crossing over the brush strokes.

Immediately pass back over the whole surface using the brush without any product on it, in order to make the effect stand out.

Proceed by working over the surface in a small area at a time to avoid leaving joints. Yield 9 - 11 m²/l

Product

Composition	Special acrylic resins in water dispersion, pearlescent pigments.
Specific weight	1 kg/l +/- 3%
pH	8,5÷9
Viscosity	7.000 ÷ 10.000 CPS Brookfield (RVT 20 revs/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 not exceeding 0,600 mm
Permeability to water vapour Sd	0,9 m (max allowed limit 2 m, DIN 52 615)
Resistance to washing	Conforms to the norm DIN 53 778: resistance to at least 1.000 abrasive cycles
Resistance to abrasion	Conforms to the norm DIN 53 778: resistance to more than 5.000 abrasive cycles
Effect of cleaning	Conforms to the norm DIN 53 778: coat of paint free of impurity with less than 800 abrasive cycles
Emission limits of Volatile Organic Compound (VOC), according to the directive 2004/42/CE:	Classification: A1 ; VOC: 30 g/l (max); Limit Phase II (from 1.1.2010): 200 g/l
Colours	Shades of the colour chart
Packaging	Litres 1 - 4

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	Fundgrap or Novalis Fondo Riempitivo according to the type of surface
Base coats	Supercolor, Marmorino Naturale Fine, Kreos
Application temperature	+5°C ÷ + 36°C (with relative humidity not exceeding 80%)
Drying time until touch dry:	1 ÷ 2 h (temperature = 20°C with relative humidity at 75%)
Total drying drying time:	12 ÷ 15 giorni (temperature = 20°C with relative humidity at 75%)
Tools cleaning:	water

DORATURE:

First coat: using a Special Roller (art.110) apply PALLAS diluted 50% with water. Pass back over the surface immediately using a Roller for Enamel (art. A04) to make the finish even.

Second coat: using a Large Spanish Brush (art.149) apply PALLAS diluted 30% with water, crossing over the brush strokes. Immediately dab the surface using the smooth part of the Sponge Glove (art.115) in order to make it even. Proceed by working over the surface in a small area at a time to avoid leaving joints. Yield 9 - 11 m²/l

BROCCATO (STELLATO):

First coat: using a Special Roller (art.110) apply PALLAS diluted 50% with water. Pass back over the surface immediately using a Roller for Enamel (art. A04) to make the finish even.

Second coat: using a Large Spanish Brush (art.149) apply PALLAS diluted 30% with water, crossing over the brush strokes. Immediately dab the surface in an even manner, using the flat part of the Marine Sponge (art.108). Proceed by working over the surface in a small area at a time to avoid leaving joints. To obtain the "stellar effect", add Decorglitter to the product used for the second coat. Yield 10 - 12 m²/l

SHANTUNG VERTICAL:

First coat: using a Special Roller (art.110) apply PALLAS diluted 50% with water. Pass back over the surface immediately using a Roller for Enamel (art. A04) to make the finish even.

Second coat: using a Large Spanish Brush (art.149) apply PALLAS diluted 30% with water, brushing the product in a vertical sense. Immediately pass back over the surface using the rougher side of the Sponge Glove (art. 115), brushing in the same sense as the initial application. Proceed by working over the surface in a small area at a time to avoid leaving joints. Yield 10 - 12 m²/l

SHANTUNG:

In order to achieve the crossed finish it is sufficient to apply a first coat of PALLAS following the same technique as before but in a horizontal sense. Once dry, apply a second coat using the same technique but in a vertical sense. Yield 5 - 6 m²/l

ORGANZA:

First coat: using a Special Roller (art.110) apply PALLAS diluted 50% with water. Pass back over the surface immediately using a Roller for Enamel (art. A04) to make the finish even.

Second coat: using a Large Spanish Brush (art.149) apply PALLAS diluted 30% with water, brushing the product in a vertical sense. Immediately work over the product in a vertical sense using the irregular part of the Marine Sponge (art. 108), wrapped in a soft plastic sheet. For this purpose, we recommend that you re-use the film used to wrap the Oikos pallets and packages in which our goods are shipped.

Work in bands that are not too wide in order to avoid joints. Yield 9 - 11 m2/l

TAFETA':

Apply a coat of Blankor (EX3330) by brush or roller, diluted 50% with water. Once dry, screed the wall with Marmorino Naturale Fine (CT1400) until the surface is completely covered but leaving areas with more product and others with less product. When the product starts to dry, lightly press the surface using the trowel to create some smooth areas and other rougher areas. In the event that the materials tends to dry too quickly, it is possible to lightly spray some water onto the surface to help. Once dry, slightly moisten the surface with water using a spray bottle. Wait until the surface absorbs the water and then using a synthetic sponge (art. 139) apply a light veil of PALLAS (ST302) diluted 100% with water, over the whole surface. If a more compact finish is preferred, apply a second coat of Pallas. The effect can be carried out, changing the combination of colours used as desired. Yield PALLAS 15 – 18 m2/l. Yield of Marmorino Naturale 2 - 2,5m2/kg

MAREZZATO: Using a Large Spanish Brush (art.149) apply a coat of undiluted PALLAS. Pass back over the surface using the brush without product in order to highlight the brush strokes. Immediately pass back over the surface again using the flat part of the inox steel trowel, lightly crossing over the trowel marks. Yield 3 – 5 m2/l

TRAME INCROCIATO: Apply a coat of Il Primer as a base coat. Once dry, realise the Fil Posè finish by applying Kreos by brush or roller and working over the product with the Tampone for Cor-du-Roy effect (see instructions for Fil Posè). Once dry, apply a second coat of Kreos working over the product in the same way as before but creating oblique lines that cross those created previously. To create straight lines, it is possible to use tape or a straight edge as a guide. Once dry, apply a coat of PALLAS by brush, diluted 20% with water. Yield PALLAS 18 - 20 m2/l. Yield Kreos 1 - 2 m2/l

Finishes and protective coats

To further protect PALLAS from wear and tear and ageing, apply a coat of the special, transparent, protective coating Watins Lux or Igrolux by OIKOS.

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 or flaking material. Proceed to carefully screed the surface. If necessary, use the required adhesive primer by OIKOS. Proceed with the application of two coats of a coloured base coat such as SUPERCOLOR by OIKOS. Apply a silk effect, decorative paint such as PALLAS by OIKOS. All must be carried out in accordance with the norms of application, at a cost of m2 inclusive of materials and labour.