

TECHNICAL DATA SHEET

----- Décor Division -----

Pallas

sez. 1.0 Technical characteristic

PALLAS by OIKOS is an even colour, silk finish, decorative paint that is characterised by the varying reflections that change depending on the intensity of the light. PALLAS by OIKOS satisfies the most sophisticated decorative needs, rekindling the antique splendour of wall tapestries that once adorned the interiors of the most luxurious villas. The product is water based and is composed of high tech resins that make it washable and give it sanitising properties. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Decoration of walls, indoor furniture, any laminate surface, P.V.C., metal and wood.

sez. 3.0 Surface preparation

Clean the surface thoroughly and remove any loose material fill in holes or cracks and render the wall perfectly smooth. Apply two coats of SUPERCOLOR by OIKOS in the colour indicated in the colour card.

In case of substrates such as: zinc sheets, laminates and other materials with smooth surfaces, clean and degrease the surface with appropriate products. Apply a coat of the special fixative FUNDGRAP by OIKOS on new wood apply Novalis Filling Agent by OIKOS. On these materials it is sufficient to apply one coat of SUPERCOLOR by OIKOS.

sez. 4.0 Application method

First coat: first spray the product on the surface directing the gun from left to right and viceversa, and then from top to bottom and viceversa without any interruption between the direction change. Set the nozzle horizontally when spraying from left to right and set it vertically when spraying from top to bottom. The crossing of the spray jets determines a uniform application of the product.

Second coat: once the first coat has dried, 3 ÷ 4 hours after its application, repeat the same procedure as per coat one.

sez. 5.0 Finish

To better protect PALLAS from wear and aging, apply on top of it the special transparent and protective varnish WATINS LUX or IGROLUX by OIKOS.

sez. 6.0 Technical Characteristic: application

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| Dilution/Mixing | 10 ÷ 20% drinkable water. |
| Yield | 3 ÷ 4 m ² /l |
| Application tools | Spray gun (nozzle 1,7 mm) and air compressor (2,5 ÷ 3 atm.) |
| Fixatives | FUNDGRAP or NOVALIS FONDO RIEMPITIVO by OIKOS according to the type of surface |
| Base coats | SUPERCOLOR by OIKOS |
| Protection coats | WATINS LUX or IGROLUX by OIKOS |
| Application temperature | +5°C ÷ +36°C (with relative humidity not higher than 80%) |
| Drying time: touch dry | 1 ÷ 2 h (temperature = 20°C with relative humidity around 75%) |
| Drying time: fully cured | 12 ÷ 15 days (temperature = 20°C with relative humidity around 75%) |
| Tools cleaning | Water |

sez. 7.0 Technical Characteristic: the product

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| Composition | Special acrylic resins in water dispersion, pearlescent pigments. |
| Specific weight | 1 kg/l +/- 3% |
| pH | 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 when applied onto non inflammable surfaces. It is a water-based product with dry thickness less than 0.60 mm. |
| Vapour permeability (Sd) | 0,9 m (maximum allowed 2 m, DIN 52 615) |
| Restistance to washing | Conforms to the norm DIN 53 778: resists to at least 1.000 abrasive revs. |
| Resistance to abrasion | Conforms to the norm DIN 53 778: resists to at least 5.000 abrasive revs. |
| Cleanness effect | Conforms to the norm DIN 53 778: paint coat free from dirt with less than 800 revs. |
| Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE | Classification: A/1; VOC: 30g/l (max); Limit Phase I (from 01/01/2007): 300g/lt, Limit Phase II (from 01/01/ 2010): 200g/lt |
| Available colours | Colour chart |
| Packaging | l. 1 – 5 |

sez 8.0 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

sez. 9.0 Specifications

Thoroughly clean the surface, removing any loose material. Render the surface smooth by screeding. If necessary use the indicated primer by Oikos in the case there are problems of adhesion. Proceed with the application of two coats of the base coat SUPERCOLOR by OIKOS coloured to the same tone as the finish then proceed with the application of a decorative product 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.

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.*