

## TECHNICAL DATA SHEET

### ----- TDL -----

#### Pallas

#### Technical characteristic

sec. 1

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 is odourless, non-toxic, non-flammable and environment friendly.

#### Ideal use

sec. 2

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

#### Surface preparation

sec. 3

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 special fixative FUNDGRAP by OIKOS; on new wood apply Novalis Fondo Riempitivo by OIKOS. On these materials it is sufficient to apply one coat of SUPERCOLOR by OIKOS

#### Application method

sec. 4

**First coat:** spray the product on the surface directing the gun from left to right and viceversa first, 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.

#### Finish

sec. 5

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.

#### Technical characteristics: the application

sec. 6

Dilution/Mixing	10 ÷ 20% drinkable water.
Yield	3 ÷ 4 m <sup>2</sup> /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

#### Technical characteristics: the product

sec. 7

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 flammable 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.
Available colours	Colour chart
Packaging	l. 1 – 5

**Toxicological data**

sec. 8

The product is free of any harmful substances, pigments or other components containing heavy metals such as lead or chrome. Further to this, the product contains no toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is non combustible and is held to be a non-toxic 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, any spillage should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of as any normal waste product. The transportation must be carried out in conformity with international agreements

**Specification**

sec. 9

Thoroughly clean the surface, removing any loose material. Render the surface smooth or in the case of walls where there is likely to be problems of adhesion, apply a preparatory product to render the wall receptive to the application of the finishing product. Apply two coats of a white base coat such as SUPERCOLOUR by OIKOS 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.