

TECHNICAL DATA SHEET

----- PAINT DIVISION -----

Supercolor

sez. 1.0 Technical characteristic

SUPERCOLOR is a highly washable, sanitizing, acrylic paint for interiors and exteriors, characterized by its high coverage, vapour permeability, water repellence and its smooth, matt finish. Formulated with acrylic resins in water dispersion, pigments and fillers, it is indicated on cement plasters, either new or old, gypsum plasters, already painted walls (even with strong colours). It can also be applied in exterior. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Interior and exterior walls.

sez. 3.0 Surface preparation

Clean the surface to be painted, removing any loose material. For crumbly or very absorbent substrates, apply the recommended acrylic sealer CRILUX or NEOFIX by OIKOS. In order to increase the coverage of the cycle use as primer IL PIGMENTATO by OIKOS. On good condition walls or on gypsum boards the product can be applied without using a primer. Wait at least 6 hours before applying finishing products.

sez. 4.0 Application method

New wall, civil plaster: apply two coats of SUPERCOLOR diluted 50% with drinkable water.

New wall, gypsum plaster: apply two coats of SUPERCOLOR, the first diluted 70%, the second 50% with drinkable water.

Already painted walls in light or pastel colours: apply one or two coats of SUPERCOLOR according to surface conditions, diluted 50% with drinkable water.

Already painted walls in strong colours: apply two coats of SUPERCOLOR diluted 50% with drinkable water.

Gypsum board: apply two coats of SUPERCOLOR diluted 50% with drinkable water.

sez. 5.0 Finish

PALLAS or OTTOCENTO by OIKOS

sez. 6.0 Technical Characteristic: application

Dilution	50%-70% with drinkable water according to the surface
Yield	New wall, civil plaster: 7-8 m ² /l in two coats; New wall, gypsum plaster, 9-11 m ² /l in two coats; Already painted walls in strong colours: 8-9 m ² /l in two coats; Already painted walls in light/pastel colours, 12-15 m ² /l in two coats.
Tools	Brush, roller or spray gun (1.7 mm nozzle)
Primers	CRILUX, NEOFIX, IL PIGMENTATO by OIKOS
Application temperature	+5°C ÷ +36°C (with relative humidity not exceeding 80%)
Drying time: tack free	1 ÷ 1.5 hours (temperature =20°C with relative humidity less than 75%)
Drying time: fully cured	4 days (temperature = 20°C with relative humidity less than 75%)
Tools cleaning	Water

sez. 7.0 Technical Characteristic: the product

Composition	Acrylic resins in water dispersion, organic and inorganic pigments, additives aimed at helping application and film formation.
Specific weight	1.57 Kg/l ±3% (white)
pH	8-9
Viscosity	21,000 +/-5% CPS Brookfield (RVT 20 revs/min. a 25°C)
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Fire reaction	Negative when the product is applied onto a non inflammable surface: water based material with dry thickness of less than 0,600

	mm
Water vapour permeability (Sd)	0.35 m (max allowed limit 2 m DIN 52 615)
Resistance to washing	Conforms to the norm DIN 53 778, resistant to at least 1,000 abrasive cycles.
Resistance to abrasion	Conforms to the norm DIN 53 778, resistant to more than 5,000 abrasive cycles, in this case over 40,000 hits of brush.
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/a; VOC: 12g/l (max); Limit Phase I (from 01/01/2007): 75g/l, Limit Phase II (from 01/01/ 2010): 30g/l
Available colours	White + colours from the Interior and Exterior colour chart on the DCS Decor Color System by OIKOS.
Packaging	1 - 2.5 - 4 - 10 - 14 l

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

Clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply an acrylic sealer such as CRILUX or NEOFIX by OIKOS. In order to increase the coverage of the cycle use as primer IL PIGMENTATO by OIKOS. Wait at least 6 hours before painting Apply two coats of a self dilating, washable, water repellent, protective, acrylic paint such as SUPERCOLOR by OIKOS, conforming to DIN 53 778.

New wall, civil plaster: apply two coats of SUPERCOLOR diluted 50% with drinkable water.

New wall, gypsum plaster: apply two coats of SUPERCOLOR, the first diluted 70%, the second 50% with drinkable water. Already painted walls in light pastel colours: apply one or two coats of SUPERCOLOR according to the surface condition, diluted 50% with drinkable water.

Already painted walls in strong colours: apply two coats of SUPERCOLOR diluted 50% with drinkable water.

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.