

TECHNICAL DATA SHEET

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

Multifund

sez. 1.0 Technical characteristic

MULTIFUND is a 100% acrylic, self dilating, water repellent, washable paint that gives an even matt velvet finish, guaranteeing, at the same time, high vapour permeability to the wall, high coverage, low thickness and an optimum yield. Characterized by optimum expansion over the surface, it is indicated on smooth surfaces and is an ideal base for decorative finishes. The product is of the highest quality and conforms to the norm D.I.N 53 778. It has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Interior walls to be decorated. Base coat for decorative products.

sez. 3.0 Surface preparation

Clean the surface, removing any loose material. For crumbly or very absorbent substrates, apply the recommended acrylic fixative CRILUX or NEOFIX by OIKOS. Wait at least 6 hours before painting over. In order to increase the coverage of the cycle use as primer IL PIGMENTATO by OIKOS.

sez. 4.0 Application method

Apply two coats of MULTIFUND diluted 50% with drinkable water the first, 40% with drinkable water the second, leaving 4 ÷ 6 hours between each coat. MULTIFUND can be applied by roller, brush or spray gun. It is a self dilating product that does not leave roller marks or brush strokes.

sez. 5.0 Finish

VELDECOR, MULTIDECOR, by OIKOS

sez. 6.0 Technical Characteristic: application

Dilution	50% the first coat, 40% the second coat, with drinkable water
Yield	14-16 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 ÷ 1.3 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	1.4 Kg/l ±3% (white)
pH	8.5-9
Viscosity	20,000 +/-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)	0.2 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.
Resistance to cleaning	Conforms to the norm DIN 53 778, cleaning of impurities and dirt with less than 800 abrasive cycles.
Emission limits of Volatile Organic	Classification: A/a; VOC: 20g/l (max); Limit Phase I (from

Compounds (VOC) according to directive 2004/42/CE	01/01/2007): 75g/lit, Limit Phase II (from 01/01/ 2010): 30g/lit
Available colours	White + colour chart, from DCS Decor Color System by OIKOS.
Packaging	1 - 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 fixative 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 then two coats of an acrylic paint like MULTIFUND by OIKOS, conforming to DIN 53 778, protective, unalterable, washable, and water repellent. 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.