

TECHNICAL DATA SHEET

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

Rinfresca

sez. 1.0 Technical characteristic

RINFRESCA is a vapour permeable, washable, scented, acrylic paint, indicated for any kind of interior wall. Its formulation of acrylic resins in water dispersion, pigments and special additives aimed to help application and film formation, make it ideal for use on civil plasters, either new or old, gypsum plasters, already painted walls (light/pastel colours). It is a new kind of product that guarantees excellent washability and a particular velvet matt finish. The paint releases into the environment a pleasant refreshing scent. The product has a low odour level, is non inflammable and is friendly to both humans and the environment.

sez. 2.0 Ideal Use

Interior walls.

sez. 3.0 Surface preparation

Clean the surface, 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 walls that are in good condition 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 RINFRESCA diluted 30%-40% with drinkable water.
New wall, gypsum plaster: apply two coats of RINFRESCA, the first diluted 50%, the second 30% with drinkable water.
Already painted wall, pastel colours: apply one or two coats of RINFRESCA according to the surface condition, diluted 30-40% with drinkable water.

sez. 5.0 Finish

Dilution	30%-40% with drinkable water according to the surface, when applied by spray gun dilute 50% with drinkable water.
Yield	New wall, civil plaster: 5-7 m ² /l in two coats; New wall, gypsum plaster, 7-9 m ² /l in two coats; Already painted wall pastel colours, 9-11 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	1.55 Kg/l ±3%
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)	0.3 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.
Emission limits of Volatile Organic	Classification: A/a; VOC: 10g/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 + Pastel Colour Chart from DCS Decor Color System by OIKOS.
Packaging	2.5- 4 - 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 such as IL PIGMENTATO by OIKOS. Wait at least 6 hours before applying two coats of paint.
 New wall, civil plaster: apply two coats of RINFRESCA diluted 30%-40% with drinkable water.
 New wall, gypsum plaster: apply two coats of RINFRESCA, the first diluted 50%, the second 30% with drinkable water. Already painted wall, pastel colours: apply one or two coats of RINFRESCA according to the surface condition, diluted 30%-40% 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.