

TECHNICAL DATA SHEET

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

Novalis Parquet

sez. 1.0 Technical characteristic

NOVALIS PARQUET by OIKOS is a Low Environmental Impact, transparent, polyurethanic, varnish for wood flooring, available both in gloss and satin finishes. The product forms a protective film that brings out the natural beauty of the wood used for wood floorings. It blocks the penetration of water and the attack of mites and mould. The poly urethanic resins give the product excellent elasticity which allow it to follow the distortions in the wood caused by temperature changes, whilst at the same time give the treated surface solidity and resistance. The product is non yellowing, scratch resistant and has a high resistance to wear. To clean the surface use water and a delicate detergent. The product has a low level of odour, is, non inflammable and friendly to both humans and the environment.

sez. 2.0 Ideal Use

Protection of wooden floors.

sez. 3.0 Surface preparation

Clean the surface to be treated degreasing it with the appropriate products.
 On new wood apply a coat of NOVALIS PORE FILLER by OIKOS, sand down using fine sandpaper.
 On already treated wood; clean and sand down the surface. Always verify that the surface is dry and that the wood has a humidity level of less than 15%.

sez. 4.0 Application method

After having prepared the surface, apply two coats of NOVALIS PARQUET leaving 3 ÷ 4 hours between coats. The product can be applied by brush, roller or spray gun (nozzle 1.3 ÷ 1.7mm). It is recommended to sand down the surface in cases where the second coat is applied more than 24 hours after the first. The support must be thoroughly dry with a humidity level of less than 15%.

sez. 6.0 Technical Characteristic: application

Dilution	Ready to use
Yield	8 ÷ 10 m ² /l per coat according to the surface
Application tools	brush, roller or spray gun (1.3 ÷ 1.7 mm nozzle)
Base coat	NOVALIS PORE FILLER
Application temperature	+5°C ÷ +36°C (relative humidity not higher than 80%)
Drying time: tack free	1 h (temperature= 20°C humidity not higher than 75%)
Drying time: wash	7 days (temperature= 20°C humidity not higher than 50%)
Drying time: fully cured	24 h (temperature= 20°C humidity not higher than 75%)
Tools cleaning	Water

sez. 7.0 Technical Characteristic: the product

Composition	Poly-eurethanic resins in water dispersion, preservatives and additives to aid in application and the formation of the surface film
Specific weight	1.05kg/l +/-3%
Gloss	Gloss 88, matt 50 +/-5 gloss (applied on a gloss panel at 120µm wet, reflectometer at 60°C)
PH	7.5 ÷ 9
Viscosity	Max 100 +/-5% CPS Brookfield (RVT 20 revs/min at
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
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	Classification: A/i; VOC: 50g/l (max); Limit Phase I (from 01/01/2007): 140g/lt, Limit Phase II (from 01/01/ 2010): 140g/lt

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Colours	Gloss and matt transparent
Packaging	0,75 – 2.25

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 to be treated, removing any loose material. Degrease with suitable products and sand down using fine sandpaper. After having prepared the surfaces, apply one or two coats of a polyurethanic varnish such as NOVALIS PARQUET by OIKOS. All must be carried out in accordance with the norms of application, at a cost ofmq. 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.