

# 884<sup>N</sup>

## Perfect Duo

### 2-C AQUA PARQUET LACQUER

#### PRODUCT DESCRIPTION

Very high quality, two-component, PU- based parquet lacquer. To use for the durable, extreme wear and chemical resistant finishing of all kinds of permitted standard parquet floors. With the help of the "built-in nanotechnology"\*\*, will rapidly further processing and usability of the sealed area be achieved. The product has an extremely long pot life and the sealed area can be fast sanded in between layers.

Achieves in combination with 873 Aqua lack additive slip resistance class R9 according to BGR.\*\*  
Corresponds to the toy standard DIN EN 71-3 Migration of certain elements.

For indoor use only. Delivered in matt, semi-matt and glossy.

Emission-tested product according to DIBt principles. EMICODE EC 1 R Plus. GISCODE W 2+/DD1, NMP-free.



#### PROPERTIES

The lacquer can be sanded after approx. 3 hours and can be further processed.

The pot-life is approx. 3-4 hours which allows further use of the lacquer mixture for the second application layer.

To be applied in areas with very high traffic.

Strain class C according to Austrian Standard C 2354 in terms of scratch resistance, chemical resistance, bonding power and plasticity..

The lacquer can be used as a primer and topcoat (in many cases possible)

The lacquer achieves a warm-toned finish (on suitable woods).

Extremely resistant to chemicals in accordance with the requirements of DIN 68861.

The lacquer convinces by an excellent resistance against plasticizers from Eurocol 1-component parquet adhesives.

#### TECHNICAL DATA

Base	884: PU dispersion with mineralized binder additives hardener Aqua LE: polyisozyanat
Colour	884: white hardener: transparent
Density	884: approx. 1,05 g/cm <sup>3</sup> hardener: approx. 1,06 g/cm <sup>3</sup>
Consistency	low viscosity, really easy rollable
Cleaning agent	water
Processing conditions	not below 15 °C on the subfloor, recommended 15-25°C, minimum 18°C material- and room temperature 35-75% relative air moisture, recommended <65%

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Mixing Ratio	10 parts : 0,6 parts
Pot life	approx. 4 hrs., depending on temperature
Mode of application	stainless double sided spatula 27 cm / micro fiber roller
Consumption	approx. 25 – 35 ml/m <sup>2</sup> per coat (spatula) approx. 100 ml/m <sup>2</sup> per coat (roller)
Drying time	approx. 20 minutes (spatula) approx. 3 hrs. (roller)
First careful use	approx. 24 hrs.
Final strength	80% after 24 hrs., approx. 7 - 10 days
Permitted shelf-life	within approx. 12 months, opened packaging to be tightly closed and to be consumed as soon as possible
Storage condition	packaging to be tightly closed at a dry place, temperature: 5 - 30 °C,
Frost sensitivity	yes
Code acc. to GHS	884: none hardener: pls. consult the MSDS
Environment/Work safety	GISCODE: W2/ hardener: DD+ EMICODE: EC 1 Plus R DGNB: VOC 2,8 %, quality level: 3 LEED: VOC approx. 30g/l DecoPaint EU/2004/42: Kat. A/i/Wb: <140 g/l VOC (2010) General Inspectorate Building Z-157.10-49 Approval DIBt:  884 Contains: 1,2-Benzisothiazol-3(2H)-on. May cause allergic reaction. Hardener contains: Isocynate. Can cause allergic reactions. To get more information for allergy sufferers: +49 361 730410 * The release of nanosized particles does not occur at any moment during the use or use of the lacquer system.

### SUBFLOOR

The surfaces to be sealed must be clean and free of residual oil, wax, silicone and other adhesion-reducing substances.  
Joints are closed with suitable Eurocol joint mastic wooden solutions like Eurocol 8802 Eurofiller Wood Plus, 870 Eurofiller Wood\*.

Use a Eurocol primer with barrier effect (e.g. for exotic woods, smoked oak etc.) 865 Europrime Block \* or Eurocol primer 882 Europrime Basic to minimize the absorbency and the edge gluing (e.g. on edge lamella parquet, parquet on sports floors or underfloor heating).

Alternatively, full construction is possible in many cases. A warm tone is achieved on most types of wood.

In the case of mosaic parquet laid with Eurocol 1-component parquet adhesives \*\*\*, full construction is generally required.

### INSTRUCTIONS FOR USE

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Shake the bucket well before use to mix and spread the matting evenly in the lacquer.

The hardener LE (component B) has to be added completely to base (component A). Mixing ratio is 10:0.6 parts. Once fully added, stir the mixture for a minimum of 2 minutes until it becomes a homogenous mass. Allow it to react for 10 minutes and briefly shake again and homogenize. Add the appropriate lacquer to a Eurocol mixing container.

Application to be done with a Eurocol stainless double-sided spatula 27 cm or a new, clean Eurocol Aqua microfiber roller 25 cm. When applying with the roller is usage of a grid necessary.

The application to avoid any footprints on the floor.

Do not apply more than two roller coats of lacquer in one day.

Do not use the product after the end of the pot life. End of pot life is not recognizable by viscosity change!

To achieve uniform surface, apply the lacquer twice cross-wise or a uniform roller application with subsequent top coat application with roller.

Eurocol recommends 2-3 roller applications. In the same day, do not apply the product more than twice.

Drying time in-between layers is approx. 3 hours but not more than 24 hours. The surface needs to be sanded with an abrasive grid 100 or 120. Remove the dust with an industrial vacuum cleaner.

Intermediate sanding improves the surface finish. Remove dust remains on the sanded surface.

To achieve the anti-slip class R9, add the homogenized Eurocol 873 Aqua lacquer additives to the 2k aqua lacquer after its homogenization and before the addition of the hardener and mix well by shaking, then add the hardener and proceed according to the application instructions of the lacquer. The mixture with aqua lacquer must be processed within the pot-life. In this case, the mixture must be shaken regularly to prevent the setting of the structural agent during processing.

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### NOTE

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Technical information and safety data sheets of other installation products have to be considered!

Please pay attention to the batch number. Only use products of the same batch in a coating layer. If multiple products are used, they must be mixed before processing.

For renovations of old floors, please consult our technical application department.

For the matt version on dark woods, apply maximum 3 coats of the lacquer. Due to the high proportion of matting agent, can the lacquer transparency be influenced (milk glow effect).

We strongly recommend self-made users to operate small tests on unknown types of wood in order to avoid color changes or bonding problems.

Rare woods, bleached ash, acacia, cherry, exotic or smoked woods should be primed first with to avoid possible colorations or streaking.

The cured lacquer is extremely chemical resistant, however, coloring products (e.g. hair-color, disinfectants) and products which contain plasticizer (e.g. castor chairs, carpet underlays, etc.) can cause irreparable damages to the lacquer coat. When using such products, as well as when using disinfectants, preliminary tests of the laid material to be used are to be carried out.

According to DIN 18356, sealed parquet floors must be maintained at all times. For this, we recommend Eurocol care and cleaning products. Please request separate information and care instructions. Only apply a product used for polymer protection care after hardening of the lacquer coating. We recommend Forbo Eurocol care and cleaning products.

Not suitable for application on wooden pavement and swing floors.

Do not operate partial mixing.

Do not use Eurocol 857 Europrime Block Plus under the lacquer.

\* Hazardous material: Please consider security advices!

\*\* The degree of gloss of the lacquer used is influenced. The surface appears a bit more matt.

For parquet elements without tongue and groove (mosaic parquet, solid wood lamparquet products), there is a risk that adhesive may be used between the elements is pressed. Interactions with the parquet lacquer are possible with 1-K STP adhesives containing plasticizers.

Therefore, use only recommended Eurocol 1-component parquet adhesives\*\*\*.

\*\*\*Recommended 1-K STP parquet adhesives:

Eurocol 153 Eurowood LE	1-K STP adhesive, Blue Angel
Eurocol 157 Eurowood MS	1-K STP adhesive, multifunctional
Eurocol 154 Eurowood MS SF Ultra	1-K STP adhesive, hard according to ISO 17178

Eurocol dispersion adhesives and 2-K-PUR adhesives for parquet do not affect parquet varnishes.

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### PACKAGING

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4,3 l + 0,26 kg nonreturnable package

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### SPECIAL NOTE

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Any other application than those specified in this Technical Information requires our explicit approval. Otherwise no liability can be assumed.

The information contained in this product information has been based on experiences derived from laboratory and practical work. The great versatility of materials, many different processing and storage methods and local conditions beyond our control make it impossible to give guarantees for processing results. Therefore, customers are recommended to find the optimum for their particular application case by suitable self-made tests. The General Terms and Conditions of our company shall apply.

Keep away from children. Eating, drinking and smoking to be avoided during the application of the product. If the product get in contact with eyes and/or skin, immediately rinse thoroughly with water. Clean tools immediately after use with soap and water. Clean tools immediately after use with soap and water.

This Technical Information supersedes all other application data sheets and product information published before.

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