

# eurocol 863

the strong connection



## EUROFINISH SPORT

Dispersion-based, parquet lacquer and sport lacquer, suitable for sports floor coverings according to DIN 18032 and slip resistance conform EN 13036-4, matt, anti-slip resistant. Can be used as 1C and as 2C in combination with hardener.

### PRODUCT TYPING

|             |                                                                         |
|-------------|-------------------------------------------------------------------------|
| Base        | Mixture from acrylat- and PUR dispersions. Hardener based on isocyanat. |
| Color       | Laquer: white. Hardener: transparent.                                   |
| Gloss       | Matt.                                                                   |
| Consistency | Liquid.                                                                 |

- Very high quality lacquer with excellent spreading properties.
- For very hard-wearing to extremely hard-wearing (as a 2C-system) coating of standardized parquet and linoleum floors used in sports floor constructions.
- Suitable for re-coating of used floor coverings.
- Certified according to German standard DIN 18032 in combination with sport floor maintenance 897 Euroclean Sport.
- Meets requirements of ÖISS guidelines concerning sliding friction and gloss level.
- Available in matt.
- For interior use.
- Emission tested building product according to DIBt principles.
- Certified by [baubook](#) "ecological building product".

### PROPERTIES

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| Consumption      | Roller: approx. 120 ml/m <sup>2</sup> (per coat).                                    |
| Flammability     | Non-flammable.                                                                       |
| Frost resistance | No.                                                                                  |
| Passableness     | First careful use after 24 hrs.                                                      |
| Slip resistance  | Meets requirement for slip resistance pendulum test EN13036-4 according to EN 14904. |
| Special quality  | Laquer for sport floors. Applicable as 1C and 2C. Matt surface.                      |
| Specific weight  | 1.03 kg/l.                                                                           |

### APPLICATION

For lacquering of uncoated sports floors like linoleum or parquet.

### PROCESSING

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Storage      | Store cool and dry in unopened packaging.                         |
| Tools        | Microfibre roller.                                                |
| Mixing ratio | When used as 2C, mix 5 l of lacquer with 1 x 0,26 kg of hardener. |

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|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Curing</b>       | Fully set after 7 days.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Potlife</b>      | When used as a 2-component lacquer use within 90 minutes after mixing at 20 °C.*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Waiting time</b> | Application with roller appr. 3-5 hours.*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Shelf Life</b>   | Approx 12 months, in unopened packaging. After use close the open packaging well.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Remarks</b>      | <p>Technical information and safety data sheets of other installation products must 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.</p> <p>When renovating old floors, please consult our application technology department.</p> <p>For the matt finish on dark woods, apply a maximum of 3 coats of lacquer. The high proportion of matting agent can influence the transparency of the lacquer (milk glass effect). Before use on unknown wood types, own tests are necessary to prevent colour changes, bleeding or wetting disorders.</p> <p>Softeners from contacting materials (e.g. chair castors, carpet underlays, felt gliders) can lead to discoloration or softening of the lacquer.</p> <p>The hardened lacquer layer is extremely resistant to chemicals. However, colouring products (e.g. hair dyes, coloured disinfectants) and products containing softeners (e.g. car tyres, chair castors, carpet underlays, felt glides) can lead to irreparable discolouration of the lacquer layer. When using such products, as well as when using disinfectants, preliminary tests must be carried out on the installation materials to be used.</p> <p>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 Eurocol care and cleaning products.</p> <p>Not suitable for application on wooden pavement floors.<br/>Do not operate partial mixing.</p> <p>Sealed sports floors are subject to care and cleaning instructions.<br/>We recommend Eurocol care and cleaning products.</p> |

*\* The stated values are laboratory values which, given the large variation in climatological conditions, subfloor compositions and layer thicknesses, are only guideline values.*

#### Substrate:

- The sealed surfaces should be clean and without traces of oil, wax, silicone and other adhesion-reducing layers.

#### **Parquet as a sports floor:**

- Filling the open joints of the sanded floor is not recommended.
- Priming is necessary to reduce any possibilities for edge gluing.

#### **Parquet glued all over:**

- Joints are closed with suitable Eurocol joint sealant. The joint sanding depends on the type of wood.
- The surface and edge sanding must be levelled out by means of a sanding grid.
- Use a Eurocol primer with barrier effect (e.g. for exotic woods, smoked oak, etc.) or to minimise absorbency and edge gluing (e.g. upright lamella parquet, parquet on sprung floors or on underfloor heating).
- Alternatively in many cases the product can be used as primer and top coat as one.

#### **Linoleum:**

- The surface of the linoleum is to be cleaned thoroughly with 891 Euroclean Basic followed by a neutralizing and a 12 hour drying time.

In case of defects, objections are to be reported in writing.

#### Instruction manual:

Before use, temper the product according to the processing conditions.

- Stir before use!
- Add the appropriate lacquer to a mixing container. Use a scraper grid during application.
  - **When using as a 2C system:**
  - Mix the lacquer with Aqua LE hardener homogeneously by slowly pouring the hardener into the prepared sealing bucket and mechanic mixing homogeneously (approx. 2 minutes). Then allow to react for 10 minutes and mix again briefly.
  - Do not use after the end of the pot life (see technical data). There is no immediate end of pot life due to thickening!
- Application to be done with a new, clean Eurocol Aqua microfiber roller.
- The application to avoid any footprints on the floor.

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

#### Linoleum:

- The lining with suitable game line marking color has to be carried out, when the cleaned linoleum has fully dried.
- A saturated varnish application needs to be done by Eurocol microfiber roller (length of fiber: 11 mm), onto thoroughly cleaned and dried linoleum. Take into account the recommended time frame for re-coating of applied game line marking color given by its manufacturer.

#### Parquet:

- 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 roller applications.
- In the same day, do not apply the product more than twice.
- Drying time in-between layers is approx. 4 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.
- Line marking with suitable playing field markings is carried out after application of the last coat of varnish (on top), but can also be carried out before the last varnish application (embedded).
- During the drying process, even ventilation must be ensured. Draughts and direct sunlight must be avoided.

#### Recommended primers:

##### Eurocol 883 Europrime Perfect

Rollable and trowelable, Low side-bonding. High neutrality of the wood tone. Long wet-on-wet workability (rollability). No visible seams during rolling and filling

#### Working conditions:

Required surrounding temperature: min. 18°C.

Material and subfloor temperature: min. 15°C.

Relative humidity: 35 - 75%, recommended <65%.

## QUALITY AND GUARANTEE



## ENVIRONMENT AND HEALTH

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GISCODE                    | W2+, as 2K Lack: W2/DD+                                                                                                                                                                                                                                                                     |
| LEED                       | VOC 0,2 g/l, meets: IEQ Credit 4.1                                                                                                                                                                                                                                                          |
| DGNB                       | VOC 0,02 %, quality level: 3                                                                                                                                                                                                                                                                |
| Hazard Class               | None.                                                                                                                                                                                                                                                                                       |
| Safety and environment     | Safety data sheets of Forbo Eurocol products according to EEG-guideline 91/155. Keep out of reach of children. Do not eat, drink or smoke while processing the product. Only give completely empty containers for recycling. Bound material residues can be disposed of as household waste. |
| MSDS                       | For extensive information about safety and environment we refer to our website <a href="http://www.eurocol.nl">www.eurocol.nl</a> .                                                                                                                                                         |
| Substances causing allergy | Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). Hardener contains isocyanates. May produce anallergic reaction.                                               |

## ITEM DATA

| artikel | productname      | packaging        | shipping unit                                                  |
|---------|------------------|------------------|----------------------------------------------------------------|
| 863     | Eurofinish Sport | PE jerrycan à 5l | 102/pallet                                                     |
| Aqua LE | Hardener         | 260 g PE flask   | 1 pieces per 5l canister addition for application as 2K system |

Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturer's approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed. This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work. The

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information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturer's liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore the manufacturer does not take liability for damages caused by the customer's utilization of the technical data sheet content. As use, processing- and storage conditions on site are beyond manufacturer's influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties. Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use.

This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

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## **863 EUROFINISH SPORT**

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