



eukula[®]
WOOD.FLOOR.LOVE

eukula extreme 470/471/472/473

1. PRODUCT DESCRIPTION

Waterbased 2-component special wood flooring sealer. Suitable for lacquering wood, parquet and cork floors with increased resistance to chemicals and wear. Can be used almost universally on all types of wood and cork floors.

- For professional use only.
- Based on modern amine-free aliphatic urethane dispersions.
- For highest durability on wood and cork floors.
- Reinforced by ceramic and plastic.
- Easy to use.
- Reduces the bonding of planks.
- Tested according to DIN 51130, Anti-Slip Class R9 (472 / 473)
- Fire classification in accordance with EN 13501: Oak treated with the product and glued to screed from a thickness of 8 mm is flame retardant according to EN 14342 with the parameters specified therein in accordance with fire class C(fl)-s1.
- Complies with ÖNORM C 2354 Class C
- Especially low odor. Emissions tested building product according to AgBB guidelines. abZ-No. Z-157. 10-155 (Germany)

Available gloss grades (60°):

- 470 gloss - 10:1 with Crosslinker G (>70)
- 471 satin - 10:1 with Crosslinker M (30-50)
- 472 mat - 10:1 with Crosslinker G (15-25)
- 473 ultramat - 10:1 with Crosslinker M (<10)

Primer options:

- Direct installation without special primer.
- eukula classic prime 200.
- eukula trowel prime 220 for a time-saving quick build-up with good filling quality.
- eukula G 200 A as a solventbased blocking primer for woods with ingredients interfering with the lacquer, for example some tropical woods.
- eukula oil 1FS / eukula master FS 10:1 for maximum color enhancement. (*)
- eukula color oil FS / eukula master FS as oil-stain for colored designs. (*)

The combination with Dr. Schutz Adds is possible and extends the range of application:



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- Can be combined in the primer application with eukula frost prime add for brightening, or with eukula amber prime add for a honey tone "like oiled".
- Duro Plus L Add leads to an increased matting and a harder surface.
- R10 Antislip Add results in a significant anti-slip effect.
- R11 Antislip Add structures the surface leading to a high slip resistance.

2. APPLICATION

Shake up well. Mixing ratio 10:1. Mix Crosslinker carefully and evenly into the base lacquer, mix again after a maturing time of approx. 10 minutes. Do not mix more than is consumed within 2 hours. Apply evenly and generously with a eukula roller at a minimum temperature of 15 °C Sand between coats with 120 grain sanding disc.

Please note:

- The professionally grouted and sanded sub-surface must be in a clean, dry condition, free of oil, wax and dust.
- Severely under-dried woods (e.g. sanded in renovation on under-floor heated wood) should be wet-mopped before applying lacquer, in order to avoid colour marks occurring during application.
- If necessary, after mixing in the crosslinker use the canister sieve provided before pouring out. As well as coarse filtering this slows down the poured amount and thereby simplifies getting the right dosage.
- Clean tools with water. Hardened coating residues can only be removed mechanically. We always recommend the use of new dry paint rollers.
- The temperature of the floor and material must not fall below +15°C during application and drying time. Ideal conditions are in the range of 18-25 °C.
- The technical rules are to be observed.

3. CONSUMPTION

approx. 120-130 ml/m² per coat (8 m²/l).

Apply 2 layers on primed wood and 3 thick layers on raw wood.

An additional coat is recommended for areas subject to heavy traffic.

Apply thick layers for a good flow and uniform surface appearance and good protection. More product might be needed on rough or absorbent surfaces.

4. DRYING TIME



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Can be carefully walked on, or worked on again after the water has evaporated (1- 3 hours) . Can be used with caution 12 hours after the last layer has dried. Able to withstand moderate strain after 24 hours. The product is completely resistant after 3 days.

The surface must not be wiped with a damp cloth during the first three days Refrain from placing rugs in the first 10-14 days. Carefully place the furniture.

General advice on drying and layer sequence

- Low temperatures, increased air humidity and poor ventilation can significantly extend the drying time.
- In order to avoid excessive swelling of the wood, we recommend only applying one coat by roller of water-based lacquer per day.
- In order to remove the water, accelerate drying and reduce moistening the wood we recommend using the Dr. Schutz drying fan TGI.
- An accelerated drying also reduces wood moistening and with it associated problems.

5. CLEANING & MAINTENANCE

After complete hardening use eukula clean for cleaning and eukula care to protect the floor. The eukula-care instructions apply to sealed/coated wood floors according to German norm DIN 18356.

6. STORAGE

Protect from frost. Store in a cool dry place. Shelf life in unopened original containers from date of manufacture: 12 months. Note the imprinted date of manufacture.

Keep out of the reach of children.

If stored in changing temperatures and in opened canisters, dry particles can form. Filter these out with a sieve before using.

7. TECHNICAL DATA

Ingredients: water / polyurethane / glycol ether / silicic acids / waxes / additives / aliphatic polyisocyanate / Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

Decopaint 2004/42/IIA(j)(140)140 / GISCODE W2/DD+ (2-component waterbased sealer, VOC<5%, NMP free) (Germany)

ADR/RID: Not a dangerous good as defined by transport regulations.

CLP/GHS:



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Base lacquer: no labelling obligation. UFI: RKA0-E0NV-600V-6VS2 gloss / PRA0-F01N-T00V-HJX6 semi mat / SNA0-X0C8-H00D-U7C4 mat / XUA0-X0R2-400C-5WH8 mat

Crosslinker G/M: GHS07, Warning. Contains: Hydrophilic aliphatic polyisocyanate, 1-Methoxy-3-(3-methoxypropoxy)propane. Harmful if inhaled. Causes skin irritation. May cause an allergic skin reaction. May cause respiratory irritation. Harmful to aquatic life with long lasting effects. Use only outdoors or in a well-ventilated area. Call a POISON CENTRE/doctor/... if you feel unwell. Specific treatment (see ... on this label). Take off contaminated clothing and wash before reuse. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container according to local/regional/national/international regulation. Contains isocyanates. May produce an allergic reaction. UFI: E8F0-60AX-D005-NJTU Crosslinker M / 2CF0-Q01A-P00N-9WDW Crosslinker G

Further information on labelling and on safe handling can be found in the current Safety Data Sheet.

Even when using low-pollution products, the usual safety measures are to be observed. Keep away from children. Completely emptied containers can be disposed of with household waste or with the collection of recyclables.

8. SPECIAL NOTES

- Mixed twopart products can develop carbon dioxide and pressure. Never close twopart mixtures tightly, danger of bursting!
- Please pay attention to the printed batch number. Only use products with the same batch number in one layer. In the case of different batches, mix these in a separate container before using.
- All indications based on 23°C/50% rH/ 3-fold change of air per hour. Existing conditions can vary and account for different results. Reference wood: oak.

9. CROSS-REFERENCE

Our following publications in their updated form are valid as an integral part of this fact sheet:

- General notes on the application of eukula finishes.
- Safety Data Sheet available on request.
- (*) Please pay attention to Technical Information 102 "Notes on building up oil-waterbased lacquer combinations".

www.eukula.com / The quoted printed matter, as well as this Product Information in its updated form, is available on our homepage or on request from the address quoted below.



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eukula – contact us

Germany
Headquarter (international)

Dr. Schutz GmbH
Holbeinstraße 17
53175 Bonn
Germany

phone +49 (228) 95352-40
fax +49 (228) 95352-46
email: export@dr-schutz.com
www.dr-schutz.com

United Kingdom

Dr. Schutz UK Ltd.
Unit 24, Anglo Business Park,
Smeaton Close, Aylesbury Bucks
HP19 8UP
United Kingdom

contact: Richard Nelson
phone +44 (1296) 437827
fax +44 (1296) 334219
email: richard@drschutz.co.uk

Ireland

Dr. Schutz Ireland
35 Pic Du Jer Park,
Ballinlough, Cork
T12 R9F9
Republic of Ireland

contact: Paul O'Reardon
mobile +353 87 767 8388
email: paul@drschutzireland.com

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rules. On publication, this product information replaces and supersedes the validity of any previous versions.