

## Passage

### Ultra Matt 2C A+B

Dual component varnish for “extremely wear resistant” parquet floors and stairs, made from aqueous polyester-polyurethane dispersions



## Instructions

**Application:** Particularly suitable for treating wooden floors that are heavily used, but need to keep their natural and untreated appearance. Because of its high wear resistance and easy maintenance, this varnish for ultra matt parquet floors is the ideal solution for adding a contemporary look floors, both in the home and in business premises. Indoors, the product can also be applied to wooden doors, furniture, worktops, ceilings, etc.

- Extremely wear resistant
- Suitable for business premises, staircases and heavily used surfaces
- Resistant to most chemical products
- The wood keeps its natural colour (no discolouring)
- Fast curing
- Can be used with other products. Adheres to all other DevoNatural parquet varnishes and DevoNatural Colour

**Special characteristics:** Exceptionally low gloss (3 GU), UV resistant (anti-yellowing), low-odour, easy application, highly resistant to scratches and most chemical maintenance products, complies with the VOC standards, safe to use, non-toxic and non-flammable, NMP-free. **The wood's appearance and sheen will hardly change at all after it is finished with DevoNatural Passage!** The combination of hardness and elasticity means that your floor will last a very long time and it will be extremely resistant to wear and tear.

**Surface preparation:** The surface must be dry, thoroughly cleaned and free of grease, oil, wax and dust.

**Product preparation:** Stir DevoNatural Passage A and B at room temperature, preferably with an electric mixer. Slowly add the hardening agent B to component A, while continuously stirring the latter (1 part of hardening agent B to 10 parts component A). Continue to stir for 30 seconds after the solution is fully mixed. Then leave to rest for 5 - 10 minutes before use.

**Application:** Use a brush or varnish roller. Apply first in transversal direction in relation to the grain of the wood and then apply in the direction of the grain. Apply “wet on wet”, allowing the strokes to merge. On larger surfaces, it is advisable to work as a team, so that the wet strokes formed by the brush or roller merge into each other. Avoid direct draughts and direct exposure to sunlight in the area where the product is used. Apply 2 - 3 coats, depending on the desired wear resistance and protection. If 3 coats are applied, the first coat can be diluted with a maximum of 10% water.

**Pot life:** 2 hours

**Drying time:** 2-4 hours

**Finish:** After approx. 6 hours, roughen by hand or using a machine. Sand after the first coat, using a 120 grit sanding disc. Between the 2<sup>nd</sup> and 3<sup>rd</sup> coat, sand using a 220 grit sanding disc.

**Dry enough to walk on:** After 5 hours

**Full curing time:** 7 days. Although the floor is dry enough to walk on after 5 hours, it is recommended that you allow it to rest while the product hardens. During this period, it is not advisable to lay a carpet, any other floor covering or allow the floor to be used heavily. During the first week, do not clean it using water or detergent.

**Working temperature:** When applying the mixed product, the temperature must not be lower than 13°C. The best results can be obtained by using DevoNatural Passage at a temperature of approx. 20°C and a relative humidity of 50%.

**Consumption:** 8-10 m<sup>2</sup>/litre per coat, 2 - 3 coats, depending on use and the desired wear resistance

**Clean tools:** Using water

**Maintenance:** From 3 weeks after applying the finish coat, using DevoNatural Soft Cleaner and DevoNatural Polish. See also the DevoNatural maintenance sheet for varnished floors. Place small felt mats under chairs, tables, etc. in order to avoid scratching the gloss finish. The latter can be sanded, if required, using 300 - 400 grit sanding pads.

**Shelf life:** 1 year if kept sealed in the original packaging. Protect against frost in a cool place.

**Disposal:** Dispose of any left-over product and empty packaging, in compliance with the applicable local regulations.

EU limit value for this product (cat A/j): 140 g/l (2010). This product contains max. 90 g/l VOC.

# Passage

## Ultra Matt <sup>2C</sup> A+B

### Technical properties

**Description (type):**

Invisible dual component varnish for parquet floors and stairs, in aqueous phase, extremely wear resistant and invisible

**Base:**

In aqueous phase, made from polyester-polyurethane dispersions

**Characteristic properties:**

DevoNatural Passage is, with Curing Agent 2K-PU, a colourless, elastic parquet varnish, with extremely high resistance to wear, scratches and chemical products.

**Application:**

Surface:

The surface must be dry, thoroughly cleaned and free of grease, oil, wax and dust.

Material temperature:

10 – 25 C.

Air humidity:

40 – 70%

Material moisture content:

Depending on the type of wood (e.g. 9 - 12 % for oak)

Product preparation:

Mix DevoNatural Passage A and B as follows: Slowly add the hardening agent B to component A, while continuously stirring the latter, preferably with an electric mixer (1 part of hardening agent B to 10 parts component A). Continue to stir for 30 seconds after all the hardening agent has been added. Then leave to rest for 5 - 10 minutes before use.

Pot life:

Approx. 2 hours

Application:

Use a brush or varnish roller

Diluent/Cleaning liquid:

Clean tools using water

Consumption/covering power:

8-10 m<sup>2</sup>/litre per coat, 2 - 3 coats, depending on use and the desired wear resistance

Coat thickness:

If a 120 µm thick coat is applied, dry coat thickness: approx. 36 µm

**Physical and chemical properties:**

Colour(s):

Milky white

Odour:

Odourless

Consistency:

Thick liquid

Dynamic or kinematic viscosity at 20 °C:

70 sec DIN 4 mm.

Specific weight 20 °C/density:

1.04 – 1.08 kg/litre – Method: DIN 53217.

Solids by weight:

34 – 37 %

VOC content:

EU limit value for this product (cat A/j): 140 g/l (2010). This product contains a maximum of 90 g/l VOC.

Drying at 20 °C/65% HR:

Dust dry after approx. 2-4 hours, finish coat can be applied after approx. 6 hours.

Fully dry after:

7 days

Gloss (H. 60°):

Ultra matt < 5 GU

pH at 20 °C:

7.5

Water soluble at 20 °C:

Can be fully mixed, but not after it has hardened.

Vapour pressure/20 °C, mBar:

Not applicable

Flash point:

Not applicable

Spontaneous combustion temperature:

No

Shear strength:

Not applicable

Shelf life:

If protected against frost and kept in properly sealed packaging: minimum 12 months. Keep the hardening agent dry!

**Safety:**

**Component A:**

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**Component A:**

Keep out of reach of children. If medical advice is needed, have product container or label at hand. Safety data sheet available on request.

**Component B:**



**Component B:**

**Contains:** isocyanates. May produce an allergic reaction. Hexamethylene-1,6-diisocyanate homopolymer hexamethylene-di-isocyanate. **Warning:** May cause an allergic skin reaction. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Avoid breathing dust / fume / gas / mist / vapours / spray. Wear protective gloves/protective clothing/eye protection/face protection. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice / attention. IF ON SKIN: Wash with plenty of water. Dispose of contents / container in accordance with local / regional / national/ international regulations. Safety data sheet available on request.

**Environmental information:**

Disposal:

Small quantities can be disposed of with household waste.

**Delivery/Transport:**

Available packaging(s) and code(s):

1 litre (0.91 litre A + 0.09 litre B) and 5 litres (4.55 litres A + 0.45 litre B)

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**Please note:** This information is based on many years of experience and research. As we are unable to influence the application method, we cannot accept any responsibility on the basis of this information.