

Data sheet

HØRNING Moisture Barrier Eco



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Product description:

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Technical data:

Type: 1-component SMP.
 Consistency: Thin transparent liquid.
 Density: Approx. 1.13 kg/ltr.
 Consumption: Approx. 250g per m² on concrete, by two coats.
 Durability: 12 months in unopened packaging.
 Store cool and dry but frost-free.
 Colour: Clear
 Packaging: 5.5 kg container

HØRNING Moisture Barrier Eco is indoor climate certified EC1 PLUS.

Work description:

Preparation:

For best utilisation of HØRNING Moisture Barrier Eco, the subfloor must be firm, clean and dust-and grease free. If cement laitance is present, it must be sanded away. Laitance can appear as a white surface.

Before applying HØRNING Moisture Barrier Eco, all dust must be vacuumed away. The floor must be level, which is achieved by potential sanding. With a rough surface, it requires several layers of HØRNING Moisture Barrier Eco to achieve the optimal effect. Likewise, there must be no cracks or expansion joints, otherwise there may be a risk that the thickness of the layer will be too large. Therefore, close all cracks before applying HØRNING Moisture Barrier Eco.

For technical questions regarding HØRNING Moisture Barrier Eco, contact Hørning Parket.

Application conditions:

Underfloor temperature: min. 15°C - max. 25°C.
 Room temperature: min. 15°C - max. 25°C.
 Humidity: min. 30% RH and max. 80% RH.

The substrate temperature must be at least 3°C above the dew point.

Usage time:

20-30 minutes at 50% relative humidity and 20°C.

Reapplication time:

The next layer is applied maximum of 24 hours after the first coat, otherwise sanding and vacuuming is required. The second layer can be applied after 6 hours at 20°C.

Glueing:

HØRNING Moisture Barrier Eco must be dry minimum of 6 hours at 20°C before installation of the floor. The moisture barrier must be dry and non-sticky.

Application:

Note! When applying HØRNING Moisture Barrier Eco, it is important to shake the container thoroughly before use.

Use a short-haired roller or brush in an amount of 150 g/m² for the first layer and 100 g/m² for the second layer. The entire surface should be slightly damp after 2 coats. For any unsaturated areas, another layer must be applied. Glueing must take place no earlier than 6 hours after the last layer of HØRNING Moisture Barrier Eco.

After the first layer is dry, or after a max. 24 hours, another layer must be applied in an amount of 100 g/m². The second coat should be applied perpendicular to the first coat.

When filling, the floor should be sanded wet in wet with oven-dried quartz sand 1 kg per m². This should be done during the application of the second coat. The quartz sand is sprinkled into the wet moisture barrier.

When HØRNING Moisture Barrier Eco is dry, sweep the excess sand or vacuum away. The quartz sand ensures that the subsequent filling has sufficient adhesion to HØRNING Moisture Barrier Eco. Pay attention to the overall strength requirements of the construction, where the thickness of the filler layer must be defined.

HØRNING Moisture Barrier Eco is to be used with HØRNING MS Flex Adhesive III Eco. Here the adhesive can be applied directly on top of HØRNING Moisture Barrier Eco.

HØRNING Moisture Barrier Eco can be used as a moisture barrier for concrete floors, with a consumption of approx. 250 g/m². When applying only one layer, it can be used as a primer but not as a moisture barrier.

Cleaning:

Wash hands with water and soap after using HØRNING Moisture Barrier Eco.

Safety:

See separate safety data sheet.

For further information, please refer to Hørning Parket A/S.