

## Data Sheet

# HØRNING Moisture Barrier



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# HØRNING Moisture Barrier – Data Sheet

## Product description:

HØRNING Moisture Barrier can be used for new as well as existing concrete floors with too high a moisture content.

HØRNING Moisture Barrier can resist a max. 95% of residual building moisture in concrete floors and 85% with underfloor heating.

## Technical data:

Type: 1-component polyurethane.

Consistency: Transparent liquid.

Density: approx. 1.15 kg / ltr.

Consumption: Approx. 220 g pr. m<sup>2</sup> on concrete, by two coats.

Durability: 6 months in unopened packaging. Store cool but frost-free.

Colour: Clear.

Packaging: 5.5 kg can.

HØRNING Moisture Barrier is the indoor climate label EC1 PLUS.

## Work Description:

### Preparation:

For best utilization of HØRNING Moisture Barrier, the sub-floor must be level, clean and dust-and grease free.

Before applying HØRNING Moisture Barrier, 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 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.

It can be challenging to prepare a moisture measurement and determine the cause of moisture, which is why it is always recommended to contact Hørning Parket's technical service before using HØRNING Moisture Barrier.

### Conditions of use:

Underfloor temperature: min. 15°C - max. 25°C.

Room temperature: min. 15°C - max. 25°C.

Humidity: max. 80% RF.

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 max. 24 hours after the first coat, otherwise sanding and vacuuming is required.

## Bonding:

HØRNING Moisture Barrier must be dry min. 24 hours at 20°C before installation of the floor.

## Application:

When applying HØRNING Moisture Barrier, use a short-haired roller or a brush in an amount of 120 g / m<sup>2</sup> in the first layer. 100 g / m<sup>2</sup> in 2 layers. The entire surface should be slightly moist without shiny puddles after 2 coats. For any unsaturated areas, another layer must be applied. Gluing must take place no earlier than 24 hours after the last layer HØRNING Moisture Barrier.

After the first layer is dry, or after max. 24 hours, another layer must be applied in an amount of 100 g / m<sup>2</sup>. 2 coats should be applied perpendicular to the first coat.

When filling, the floor must be sanded wet in wet with oven-dried quartz sand 1 kg per. m<sup>2</sup>. This must be done by applying 2 coats. The quartz sand is sprinkled in the wet moisture barrier.

When HØRNING Moisture Barrier is dry, sweep the excess sand or vacuum away. The quartz sand ensures that the subsequent filling has sufficient adhesion to HØRNING Moisture Barrier. Pay attention to the overall strength requirements of the construction, according to which the thickness of the filler layer must be defined. Here, reference is made to section 10 in Floor Facts.

HØRNING Moisture Barrier is to be used with HØRNING MS Flexlim Eco. Here the glue can be applied directly on top of HØRNING Moisture Barrier.

HØRNING Moisture Barrier can be used as a moisture barrier for concrete floors, consumption approx. 220 g / m<sup>2</sup>.

## Cleaning:

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

## Security:

See separate safety data sheet.

## Epoxy proof:

HØRNING Moisture Barrier requires an epoxy certificate when performing.

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