



# WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier

## Technical Information

### Area of application

Dispersion moisture barrier for blocking raised screed moisture levels

- up to max. 5 CM% / 95 % CRH in absorbent cement screed without underfloor heating
  - up to max. 3 CM% / 85% CRH in absorbent cement screed with underfloor heating
- under cement-based levelling compounds indoors.

### Special properties



1)



[www.blauer-engel.de/uz113](http://www.blauer-engel.de/uz113)

• emissionsarm

• lösemittelarm

2)



3)



4)



5)



6)

- solvent-free as defined by TRGS 610

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) With the "Blue Angel" label for low emission laying materials according to RAL DE – UZ 113
- 3) Emissions class according to French law
- 4) Solvent-free dispersion laying materials
- 5) Suitable for underfloor heating
- 6) Suitable for exposure to castor wheels

### Technical data

Raw material base:	Polymer dispersions
Material composition:	Polymer dispersions water defoaming agents (Isothiazolinone)
Mixing ratio:	1st application 1:1 diluted with water, 2nd application undiluted
Drying time:	first application at least 30 minutes, second application at least 120 minutes
Cleaning agent:	fresh water
Storage time:	12 months at room temperature
Storage temperature:	not below +5 °C, sensitive to frost

## Application and consumption<sup>7)</sup>

WAKOL Primer Roller, 11 mm	approx. 60 - 75 g/m <sup>2</sup> 1:1 diluted	1. Application
Velour or Foam roller	approx. 100 - 120 g undiluted	2. Application

7) Consumption is dependent on surface structure and absorbability of subfloor.

## Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets. An exception is only made for the residual moisture content of the cement-based subfloor if the primer is used to block capillary moisture. The usage as moisture barrier may only occur on permanently moisture-proof subfloors and for the purpose of blocking capillary moisture.

In the case of heavy, constantly rising moisture and water vapour diffusion the primer cannot be used, as the product does not replace structural waterproofing as set out in Part 4 of DIN 18195.

## Usage

Stir the container well before using. Apply the primer with a WAKOL Primer Roller, velour or foam roller, without letting the substance pool. Dilute WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier with water at a ratio of 1:1 and apply. The first layer should be allowed at least 30 minutes drying time. Apply the second layer of WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier, undiluted, using a criss-cross method and allow to dry for at least 120 minutes.

For subsequent levelling, levelling compound can be applied within 72 hours to the dried second coat of WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier. Direct bonding on WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier is not approved.

## Work an environmental safety

Keep out of the reach of children. Ensure sufficient ventilation during use and drying! Avoid eating, drinking and smoking while applying the product and wear protective gloves. Immediately and thoroughly rinse eyes and skin with water in case of contact. Clean tools with soap and water immediately after use. Do not allow product to enter the sewage system, bodies of water or the ground.

The product contains isothiazolinone. Information for allergic persons is available at +49 (0)6331/8001-311.

## Disposal

Only empty containers are suitable for recycling. Dried material residue may be disposed of as household waste.

## Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity. Warm up all laying materials in due time in heated room.

Do not use WAKOL D 3080 / ARDEX P38 Dispersion Moisture Barrier on moisture-sensitive subfloors such as calcium sulphate, magnesite screeds, wooden material tiles or floor coverings such as tiles, PVC, CV, rubber and linoleum flooring.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at [www.wakol.com](http://www.wakol.com).

This Technical Information of 30.09.2025 supersedes all previous versions.