

H2OFF

H2OFF by **TopK** is a cement and additive based mortar, designed to waterproof concrete, brick, and masonry surfaces. It offers a thin finish.

Applications:

- Waterproofing of water tanks, pools, tunnels, galleries, and basements.
- Coating of walls, facades, and surfaces, concrete blocks, and prefabricated panels.
- Restoration of channels and concrete elements that require a thin finish.
- It can be used as a decorative finish.
- In foundations as a waterproofing agent and concrete protector.

Advantages:

- Excellent adhesion to various surfaces.
- Withstands high hydrostatic pressures, both positive and negative.
- Allows transpiration, facilitating the elimination of water vapor.
- Easy to maintain and resistant in aggressive environments.
- High durability over time, surpassing any paint or coating.
- Suitable for contact with potable water.
- Once cured, it can be painted or coated with paints, mortars, ceramic tiles, or gres

Instructions for Use:

Surface Preparation:

- The surface must be solid and clean, free of paint, efflorescence, grease, oils, release agents, dust, plaster, etc.
- If the surface has been previously painted or treated, at least 90% of the non-adhered remnants must be removed.
- Cracks must be opened to a minimum depth of 2.5 cm and sealed with a sealant.
- Superficial iron must be cut to a depth of 2 cm and covered with a sealant.
- The surface must be thoroughly moistened before application.
- Avoid the presence of standing water at the time of application.

Moisture Blocker for concrete

Technical Data Sheet

Mix Preparation:

Presentations 40 lb (18.16 kg)

Mix the product with water until a homogeneous paste is obtained, using 3.5 to 3.7 liters of water for each 40 lb (18.16 kg) bag.

Application:

- Apply with a nylon fiber brush in one direction, continuously and uniformly.
- For non-structural elements, a minimum depth of 2.5 cm should be used.
- The second coat should be applied 12 to 16 hours after the first.
- If used as a finish, a steel trowel can be used.
- If a finish will be applied later, it is recommended to apply the second coat in a horizontal direction to facilitate application and minimize sagging.
- For water conditions, the second coat should be applied in the direction of the flow to facilitate evacuation.
- Once spread and placed, it should not be re-brushed or re-applied.
- It can also be applied mechanically by wet spraying, and it is advisable, at least in the first coat, to go over it with a fiber brush to improve product penetration, as well as to ensure a homogeneous and total coating of the surface.

Conditions of application:

- Optimal working temperature: 15 to 20°C.
- Avoid applying outdoors if rain is expected within the next 4 to 6 hours or if temperatures below 5°C are expected in the next 24 hours.
- Do not apply on frozen or waterlogged surfaces.



Curing:

- Minimum curing time is 7 days under normal conditions (20°C and 50% RH).
- Lower temperatures and higher RH will extend the curing time and time to put into service.

Tool Cleaning:

- Clean with water immediately after use. Once hardened, the material can only be removed by mechanical means.

Performance:

- Estimated performance of 1-1.5 kg/m² per layer, with a total thickness of 2 to 3 kg/m² in two layers.
- Performance varies depending on porosity, support conditions, and application method.

Presentation and Storage:

- 40 lb (18.16 kg) bag in white color.
- 12 months in bags, in original packaging, in a dry and covered place.

Important Indications:

- **DO NOT** add cements, additives, or aggregates.
- **DO NOT** use in the presence of water or soils containing sulfates.
- **DO NOT** use in contact with hard, acidic, or carbonic waters.

Safety and Hygiene:

- **H2OFF** is presented as an abrasive compound in its composition.
- It is not toxic in its mixture and placement, but when working with it, direct contact with the hands should be avoided using rubber gloves.
- In case of splashes in the eyes, these should be washed with plenty of clean water, and if irritation persists, medical attention should be sought.
- The disposal of the product and its packaging must be carried out in accordance with current legislation and is the responsibility of the final consumer.

Warranty:

The information contained in this technical bulletin is based on our experience and technical knowledge, obtained through laboratory tests and bibliographies. TopK reserves the right to modify it without prior notice.

Any use of this information beyond what is specified is not our responsibility unless confirmed by the company in writing. Data on consumption, dosage, and performance are subject to variation due to the conditions of different works.

We do not accept responsibilities beyond the value of the product purchased.

Commitment:

Committed to quality, efficiency, and environmental care, at TopK we make life easier for applicators, ensuring exceptional results.

For any questions regarding the use and application of TopK BaseCoat Dry, please consult our technical department.

Packaging Options:

- 18 Kg / 40 lb Bag

Contact Information:

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