

MOSHE 3000 FLEX GREEN

Water-repellent waterproofing agent for wet areas, foundation beams, and buried walls

► Description

MOSHE 3000 FLEX GREEN was developed with nanotechnology, 100% inert minerals, and water-based acrylic resins, it has hydrophobic properties and does not contain hydrocarbons in its formulation, ensuring better profitability and durability, in addition to being easy to apply and not harming the environment.

► Recommended for

- Foundation beams to avoid rising damp
- Wet areas not subject to dynamic cracking
- Buried walls
- Bathrooms and Shower

► Advantages

It is a monocomponent liquid waterproofing and water-repellent product, providing great ease and speed in execution. It has great durability since it is composed of inert minerals. As it is liquid and monocomponent nanotechnology, it is ready to use and is easy to apply, just open the bucket and mechanically mix for 2 minutes before application. In this way, MOSHE 3000 FLEX GREEN prevents infiltrations, increases the durability of the construction, and prevents the proliferation of fungi and bacteria.

MOSHE 3000 FLEX GREEN creates a protective film, sealing all pores, fissures, and cracks in foundation beams, buried walls, floors, and walls in wet areas. It has excellent results for both positive and negative water pressure acting on the surface, ensuring excellent waterproofing.

5-year warranty according to performance reports proven by third-party laboratories, except for project failures, structural failures, or misuse of the material.

► **Technical Data**

Characteristics	
Density	1,06 g/cm ³
Soluble in water	Yes
pH	8 – 10
Recommended substrate application temperature	0 – 50°C
Recommended application ambient temperature	5 – 48°C
Material properties	
Product type	Mineral base powder and water-based resins
Aspect	Liquid
Color	Green
Storage	Store properly in original and intact packaging at temperatures between 5 and + 30°C
Shelf life	Packaged product shelf life, 1 year from the manufacture date Open Package – 6 months considering the manufacturer's instructions.
Packaging	1L Bucket / 3,6 L Bucket / 18 L Bucket
Moisture	0 %
Flammability	Non-flammable product (high flash point)
Odor	Characteristic
VOC	19,3 g/l (USEPA) Method 24

► **Product Yield and Consumption**

MOSHE 3000 FLEX GREEN Product yield can reach up to 10 m²/L/coat (~10 m²/Kg/coat) on smooth surfaces (straightened), if structuring fabric is used across the entire area to be applied or the floor is uneven, this yield will be lower .

The average consumption of the product is:

2 coats for wet areas – 257 ml/m² (~2710 gr/m²)

3 coats for buried walls and balms – 380 ml/m² (~407 gr/m²)

► **Application Method**

MOSHE 3000 FLEX GREEN must be applied without adding other components, as it is a monocomponent, ready-to-use product. Can be applied with a low wool roller, foam roller, or brush.

Application:

- 1) Check the weather forecast. Avoid application in rainy weather or at risk of getting wet, except when this application is in a protected area. The best way to apply is with a wool paint roller. Do not apply the product on a wet surface, this surface must be 100% dry.

- 2) The substrate must be clean, without loose or disintegrated parts, and without the presence of oils, cement creams, mold release agents, or any other type of material that could impair adherence.
- 3) The application of the first coat should be done evenly, ensuring coverage of the entire surface to be waterproofed and leaving no gaps in the application for better visualization and use.
- 4) Apply the next coat only after the previous one has completely dried, around 1 to 3 hours, depending on weather conditions and local ventilation.
- 5) Recommended to apply 2 coats and use polyester mesh to reinforce places with corners, joints, cracks or holes.
- 6) After the product has cured, perform a thorough visual inspection to verify that the entire substrate has been covered. If there are points without application or with an inadequate application, perform an additional coat.
- 7) Close the packaging well at the end of the application if there is any leftover material. Otherwise, the product may dry out in contact with air, which will prevent future applications.
- 8) Pay attention to the expansion joints of the structural project; MOSHE 3000 FLEX GREEN does not replace specific elastomeric gaskets for expansion joints.
- 9) Do not apply on a substrate saturated with water. Residual water inside the substrate may evaporate, causing the formation of bubbles in the application or detachment, when this occurs, remove this bubble, and repeat the application in the removed area as instructed above.
- 10) When there are pipes, apply specific products for this purpose.
- 11) Carry out a water-tightness test for at least 72 hours, 48 hours after applying the product.
- 12) We are not responsible for project or structural failures, and it is strongly recommended that the Moshe 3000 technical department be contacted to clarify any doubts before installing the Moshe 3000 Flex.
- 13) The product performance guarantee is subject to the purchaser sending to MOSHE 3000, via e-mail comercial@moshe3000.com, a tightness report (with photographic report) of the substrate on which the product has been applied, with information regarding the construction where it has been used (address and particularization of the area applied), to be issued by the Construction Company or by the company that applied the product, to be performed after the product has been applied and before mechanical protection is applied, when applicable. Failure to send the tightness report exonerates MOSHE 3000 from any responsibility for the product performance. MOSHE 3000 is not responsible for damages caused to the product during the mechanical protection execution process or others after the tightness test. The purchaser acknowledges having access to the product performance reports and that the approval in the tightness test is sufficient to prove its adequate performance.

► **Personal protective equipment**

Wear a personal protective mask, natural rubber gloves, goggles or face protection, suitable clothing, and protective boots. If any symptoms of allergy, skin irritation, or eye contact, seek medical attention immediately.

Do not reuse packaging for food purposes. Care should be taken with opened packages in the presence of children, whether or not there's still product inside them.

▶ **Transport Limitations**

Maximum stacking of 3 buckets of 18 L or 5 buckets of 1 L or 3.6 L.

▶ **Storage**

Store under cover, protecting the buckets from rain and sun, keep the containers tightly closed and protected from damage.

▶ **Observations**

Responsible Chemist: Eder de Souza CRQ-IV SP

04414353 Technician Responsible Developer: Marcos Alberto

Casado Pereira

Produced by Moshe Materiais de Construção Ltda Ltd EPP CNPJ 02.732.735/001

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The information contained in this document is based on our knowledge for your help and guidance. We point out that the performance of the products depends on the conditions of surface preparation, application, and storage, which are not under the responsibility of Moshe 3000. The performance depends on the application technique, equipment, and substrate conditions. Therefore, we do not assume any responsibility regarding the yield and performance of any nature as a result of misuse of the product and misapplication. This product requires specialized labor for application. For more information, consult the technical department.