

# WATER PROOFING



## HIDROFIX II

	Colour	Packaging	Consumption
A	Grey	Paper Bag 25 KG/12 KG	1.65 (kg/m <sup>2</sup> )/mm thickness
B	White	Liquid 8 KG/4 KG	

### DESCRIPTION

Two-component waterproofing material with high flexibility, based on cement, selected fine aggregates, a specific additive, and flexible polymer. It offers good workability and, thanks to its organic resins, has excellent adhesion on all types of substrates (as long as they are stable and clean), including concrete and walls. It creates a flexible and impermeable layer, suitable for both indoor and outdoor environments.

### FIELD OF APPLICATION

Excellent adhesion properties on all types of substrates. Provides flexible and waterproof protection for bathrooms, showers, balconies, basements, terraces, and swimming pools. Suitable as a waterproofing layer before installing ceramic tiles on plaster, floors, and concrete surfaces. Ideal for repairs on prefabricated elements. Protects concrete surfaces against continuous moisture, chlorides, sulfates, and other damaging agents.

### MIXING METHOD

Pour the liquid Component B (8 kg) into a clean container, and while mixing, gradually add the dry Component A (25 kg). Mix with a mechanical mixer until a homogeneous, lump-free, and air bubble-free mixture is obtained. The working time of the mixture is 2–3 hours.

### SUBSTRATE PREPARATION

Cement-based substrates must be stable, strong, and even, free from oils, dirt, and paint residues, and must have fully cured beforehand. Typically, traditional cement-based floors with normal curing times should age for at least 28 days, while traditional plaster substrates should dry for at least 14 days. Large unevenness or cracks must be repaired beforehand. All types of substrates must be mechanically cleaned before applying the product. A 10 cm waterproofing strip should be installed at all corners between the wall and floor, technical joints, and drainage joints.

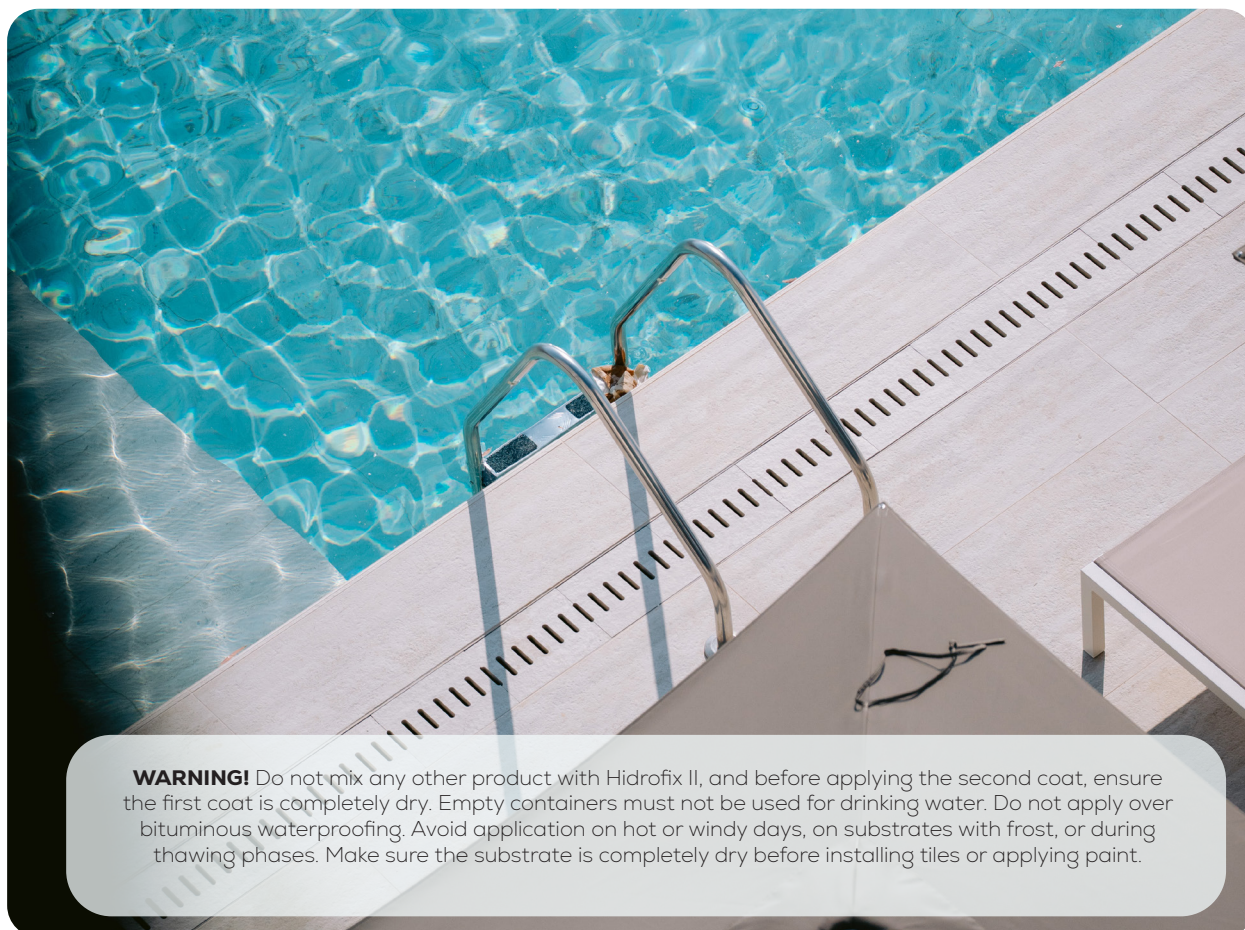
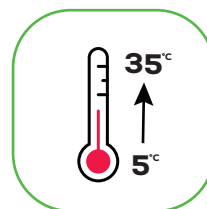
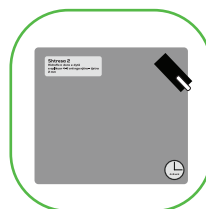
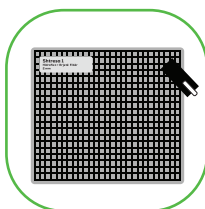
### APPLICATION

Apply the product in two coats using a brush, roller, or trowel, applying approximately 2 mm per coat. Place a fiberglass mesh over the wet first coat. The second coat should be applied 4–6 hours after the first and only once the first coat has dried. Use the product only by mixing Component A with Component B in the recommended proportions. Apply the product at temperatures between +5°C and +35°C.



## TECHNICAL DATA

Component A	
<b>Appearance:</b> Powder	<b>Layer thickness:</b> 1-2 mm (for hand)
<b>Packaging:</b> 25 kg paper bags on 1350 kg pallets.	<b>Application Temperature:</b> +5°C to +35°C
<b>Colour:</b> Grey	<b>Lump Formation:</b> 0.7mm
<b>Consumption:</b> 1.65 kg/mm thickness	<b>Adhesion to concrete (28 days):</b> $\geq 0.6$ N/mm <sup>2</sup>
<b>Storage:</b> Store in dry places on wooden pallets	<b>Water permeability:</b> 0.15 kg /m <sup>2</sup> . h0.5
<b>Storage Time:</b> 12 months from the production date	<b>Adhesive strength after heat treatment:</b> $\geq 0.8$ N/mm <sup>2</sup>
<b>pH of mixture:</b> >12	<b>Reaction to fire:</b> Class A1
<b>Bulk Density:</b> 1.6-1.7 gr/cm <sup>3</sup>	
Component B	
<b>Appearance:</b> Liquid	<b>Storage:</b> 24 months
<b>Packaging:</b> Bidon 8 Kg	<b>Bulk Density:</b> 1.1 gr/cm <sup>3</sup>
<b>Colour:</b> White	



**WARNING!** Do not mix any other product with Hidrofix II, and before applying the second coat, ensure the first coat is completely dry. Empty containers must not be used for drinking water. Do not apply over bituminous waterproofing. Avoid application on hot or windy days, on substrates with frost, or during thawing phases. Make sure the substrate is completely dry before installing tiles or applying paint.