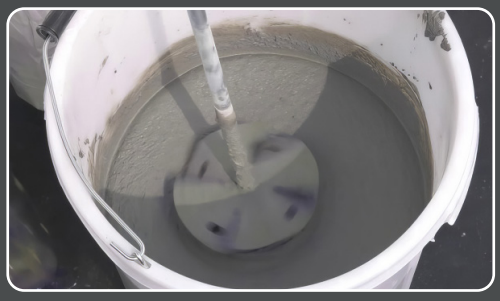
WATER PROOFING



HIDROFIX FOUNDATION

	Colour	Packaging	Consumption
A	Grey	Paper Bag 22 KG	1.65 (kg/m2)/mm thickness
B	White	Container 10 KG	

DESCRIPTION

Two-component waterproofing material with high flexibility, cement-based, containing selected aggregates and special additives. Designed for waterproofing concrete structures or walls exposed to positive or negative hydrostatic pressure. Suitable for foundation walls, parking areas, basements, tanks, and swimming pools. Ideal for both indoor and outdoor environments. Completely waterproof and resistant to sea salts, chlorides, sulfates, and other aggressive agents.

FIELD OF APPLICATION

Flexible and waterproof protection for bathrooms, showers, balconies, basements, terraces, tanks, and parking areas. Acts as a protective layer for concrete surfaces. By mixing the two components, a highly elastic blend is obtained, giving the product excellent adhesion properties on all types of substrates–provided the surface has been properly prepared and leveled beforehand.

SUBSTRATE PREPARATION

Cement-based substrates must be stable, resistant, and even, free from oils, dirt, and paint residues, and must have reached their proper curing time. Typically, traditional cement-based screeds with normal setting times should be allowed to cure for at least 28 days, while traditional plaster substrates should dry for at least 14 days. Large surface irregularities or cracks must be repaired in advance. All types of substrates must be mechanically cleaned before product application.

MIXING METHOD

Pour the liquid Component B (10 kg) into a clean container, and while mixing, gradually add the dry Component A (22 kg). Mix with a mechanical mixer for about 2 minutes until a smooth, homogeneous, and air bubble-free mixture is obtained. Let the mixture rest for 4 minutes, then mix again briefly before application.

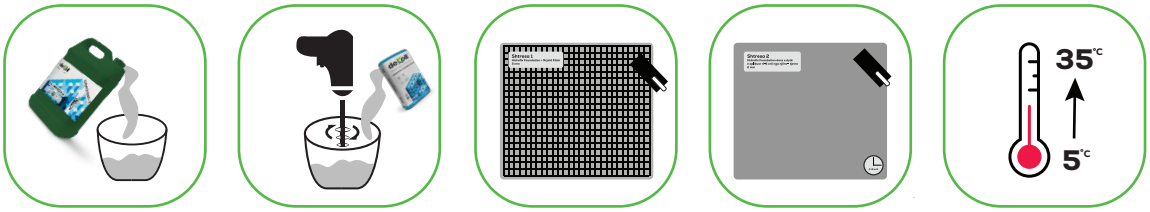
APPLICATION

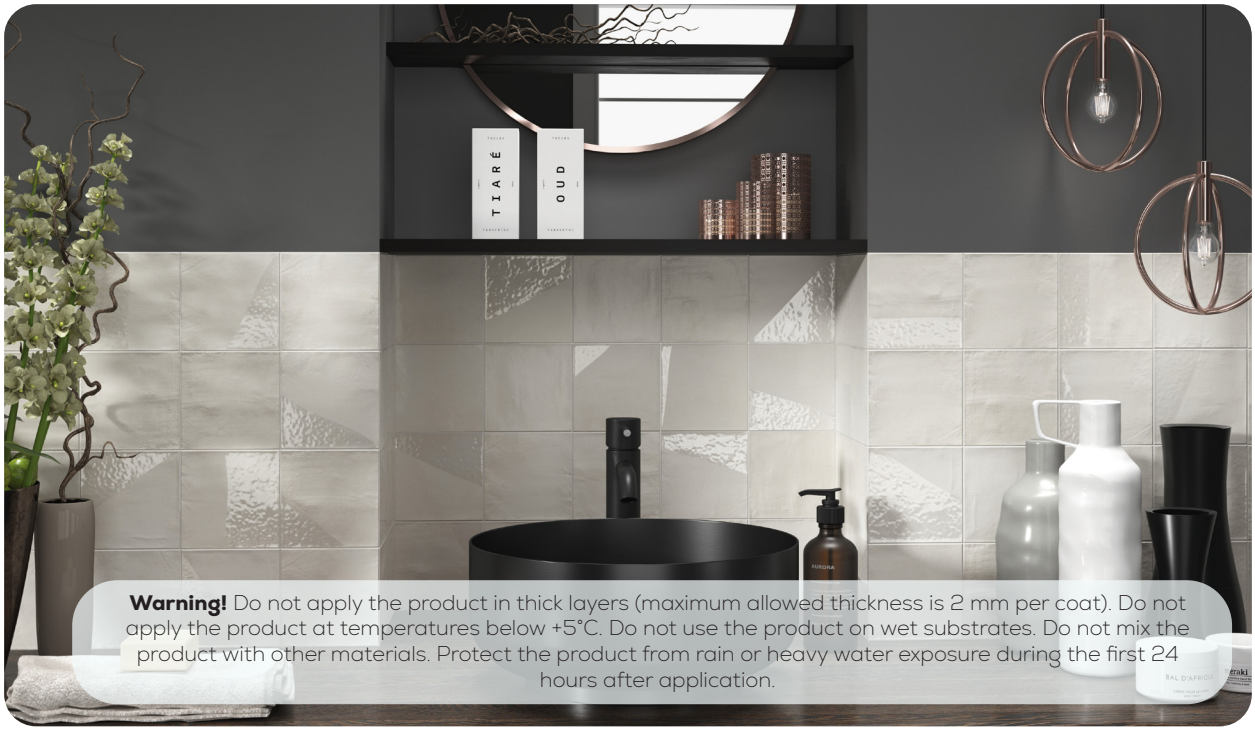
Apply the product in two coats using a brush, roller, or trowel, with each coat applied at approximately 2 mm thickness. The second coat should be applied 4–6 hours after the first, but only once the first coat has completely dried. The product must be used only by mixing Component A with Component B in the recommended ratio. Apply at temperatures between +5°C and +35°C. For positive pressure applications (i.e., direct water pressure on decorative coatings), the application surface must be stable and clean. Remove concrete laitance, loose parts, dust, and formwork oils–if necessary, using high-pressure water. For waterproofing on old substrates, repair the base layer using appropriate deKoll repair products.

Before applying Hidrofix Foundation, to improve adhesion to the substrate, it is necessary to prime the surface with an acrylic primer in water dispersion. The primer should be diluted in a 1:1 ratio with water and applied using a brush or roller. For negative pressure applications (i.e., water pressure coming from behind the coating and penetrating from the substrate), the application surface must be stable and clean. Remove concrete laitance, loose particles, dust, and formwork oils—if necessary, using high-pressure water. Repair and smooth the substrate using special deKoll repair products.

TECHNICAL DATA

Component A	
Appearance: Powder	**Layer thickness:** 1-2 mm (for hand)
Packaging: Paper bag of 22 kg on pallets of 1188 kg.	**Application Temprature:** +5°C to +35°C
Colour: Grey	**Granulometry:** 0.7mm
Consumption: 1.65 kg/mm thickness	**Adhesion to concrete (28 days):** ≥ 1N/mm²
Storage: Store in dry places on wooden pallets.	**Adhesion strength after heat immersion:** ≥ 1N/mm²
Storage Time: 12 months from the production date	**Water permeability:** Waterproof
pH of mixture: >12	**Reaction to fire:** Class A1
Bulk Density: 1.6-1.7 gr/cm³	
Component B	
Appearance: Liquid	**Storage:** 24 months
Packaging: Container 10 Kg	**Bulk Density:** 1.2 gr/cm3
Colour: White	





Warning! Do not apply the product in thick layers (maximum allowed thickness is 2 mm per coat). Do not apply the product at temperatures below +5°C. Do not use the product on wet substrates. Do not mix the product with other materials. Protect the product from rain or heavy water exposure during the first 24 hours after application.