



SUIPA

Construction Chemicals

SUIPA TURBOCHEM

CEMENT AND ACRYLIC-BASED, TWO COMPONENTS,
HIGH ELASTICITY, RAPID SETTING AREA INSULATOR

PRODUCT DESCRIPTION

Cement and acrylic-based, two-component, highly elastic, UV-resistant, fast-setting waterproofing mortar suitable for application under both positive and negative water pressure, regardless of weather conditions.

FEATURES

- Applicable to both aged bituminous surfaces and mineral substrates.
- Exhibits exceptional elasticity and crack-bridging capabilities.
- Maintains crack-bridging properties even at low temperatures.
- Resistant to both positive and negative water pressure.
- Cures rapidly, irrespective of weather conditions.
- Offers resistance to rain and pedestrian traffic within 4 hours.
- Demonstrates minimal thinning during the drying process.
- Cures without shrinkage or cracking, even in windy and sunny conditions.
- Facilitates efficient and swift completion over large areas.
- Resistant to adverse weather conditions, frost, and UV exposure.
- Can be applied to damp surfaces without the need for a primer.
- Suitable for use in areas subject to movement and vibration.
- Due to its superior adhesion and flexibility, it creates a water-impermeable layer beneath screed and ceramics, resulting in a jointless, seamless, and permanent waterproof coating.
- Resistant to chemicals and saline solutions present in the soil.
- Permits water vapor permeability. -Exhibits high durability.
- Can be applied using a brush, trowel, or sprayer.
- Resistant to freeze-thaw cycles.

APPLICATION DOMAINS

- Interior and exterior spaces,
- Vertical and horizontal uses,
- Applications on cementitious plasters, screeds, exposed concrete, and various coatings including old ceramics,
- Applications addressing both positive and negative water pressure in the foundations, curtain walls, and basements of all structures,
- On terraces and balconies,
- In damp environments such as restrooms, bathrooms, and kitchens,
- In swimming pools,
- Water storage and wastewater tanks,
- In elevator shafts,
- Applications combating ground moisture and water infiltration in damp areas,
- Utilized for affixing protective panels.

APPLICATION

Incorporate 10 kg of liquid component with 10 kg of cement-based powder component and blend using a low-speed mixer until all lumps are thoroughly eliminated. For a trowel-like application, decrease the liquid component by 10-20%. Allow 3-5 minutes for the chemical reaction to finalize. Mix once more prior to application. Utilize the uniform mortar with a brush, roller, or trowel. Employ the prepared mortar within a maximum of 30-45 minutes. Apply the mixture in 2 or 3 coats using a brush or roller.

TECHNICAL SPECIFICATIONS

Component A:	Specialized cement and chemical
Component B:	copolymer acrylic
Appearance:	dark grey colored powder
Adhesion	Strength:
Pressure	Water
Resistance:	Capillary
Water Absorption:	
Crack	Bridging:
Application	Temperature:
Service Temperature:	
Mortar	Curing
Application Duration:	
Waiting	Period
Coats:	Rain
Mechanical Durability:	
Water Resistance:	

CONSUMPTION

- First Layer Consumption: 1.0-1.5 kg/m² (for 1 mm thickness)
- Second Layer Consumption: 1.0-1.5 kg/m² (for 1 mm thickness)
- Third Layer Consumption: 1.0-1.5 kg/m² (for 1 mm thickness)

STORAGE

The shelf life is one year from the date of production when stored in a dry, moisture-free environment. When not in use, packages must be securely closed. Additionally, packages should be safeguarded against frost.

AMBALAJ

- 20 kg plastic bucket
- A Powder Component: 10 kg
- B Liquid Component: 10 kg

SAFETY AND WARNINGS

- Utilize suitable safety equipment, including a dust mask, gloves, and goggles.
- Prevent contact with eyes and skin.
- In the event of eye contact, rinse immediately with copious amounts of water and seek medical advice.
- Refrain from application at temperatures below +5°C and above +35°C.
- Newly completed applications must be safeguarded against adverse weather conditions, such as direct sunlight, strong air currents, elevated temperatures (exceeding +35°C), rain, and frost during the initial days.
- If left unprotected, they should not be subjected to point or linear loads.